


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Lamb 4-11-4-1W				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WINDY RIDGE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Karl and Donna Lamb						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-6626				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 216, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		478 FNL 665 FWL		NWNW	11	4.0 S	1.0 W	U		
Top of Uppermost Producing Zone		478 FNL 665 FWL		NWNW	11	4.0 S	1.0 W	U		
At Total Depth		478 FNL 665 FWL		NWNW	11	4.0 S	1.0 W	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 478			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320			26. PROPOSED DEPTH MD: 8322 TVD: 8322				
27. ELEVATION - GROUND LEVEL 5032			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 900	24.0	J-55 ST&C	8.3	Class G	365	1.17	15.8
Prod	7.875	5.5	0 - 8322	17.0	N-80 LT&C	9.0	35/65 Poz	295	3.5	11.0
							50/50 Poz	524	1.35	14.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 03/18/2014			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43047543500000				APPROVAL  Permit Manager						

Newfield Production Company
4-11-4-1W
NW/NW Section 11, T4S, R1W
Uintah County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	2,640'
Wasatch	7,520'
TD	8,322'

2. Depth to Oil, Gas, Water, or Minerals

Green River	2,640' - 7,520'
Wasatch	7,520' - TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 842'.

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter bowl

Production The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 3M system.

A 3M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 3,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Couple	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface 8 5/8	0'	900'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
									5.84	4.73	11.30
Production 5 1/2	0'	8,322'	17	N-80	LTC	8.8	9	--	7,740	6,290	348,000
									2.60	2.05	2.46

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Surface	12 1/4	900'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	427	15%	15.8	1.17
				365			
Production Lead	7 7/8	5,180'	35/65 Poz/Type II + 5% Bentonite	1032	15%	11.0	3.5
				295			
Production Tail	7 7/8	3,142'	50/50 Poz/Type II	708	30%	14.0	1.35
				524			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 900'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
900' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.0 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A Gamma Ray log will be run from TD to surface. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

$$8,322' \times 0.46 \text{ psi/ft} = 3808 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

This is planned as a vertical well.

Newfield requests the following Variances from Onshore Order # 2:

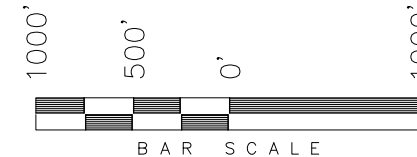
- Variance from Onshore Order 2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

CONFIDENTIAL

T4S, R1W, U.S.B.&M.**NEWFIELD EXPLORATION COMPANY**

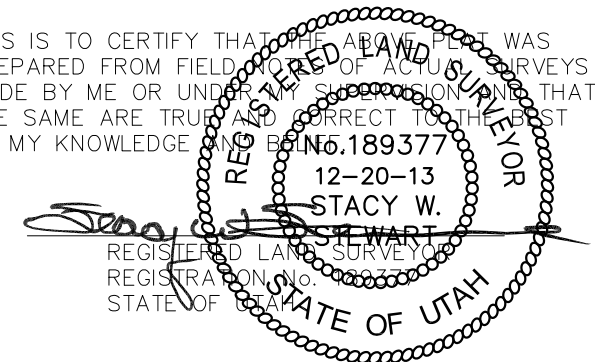
WELL LOCATION, 4-11-4-1W, LOCATED
AS SHOWN IN THE NW 1/4 NW 1/4 OF
SECTION 11, T4S, R1W, U.S.B.&M.
UINTAH COUNTY, UTAH.

**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

**TRI STATE LAND SURVEYING & CONSULTING**

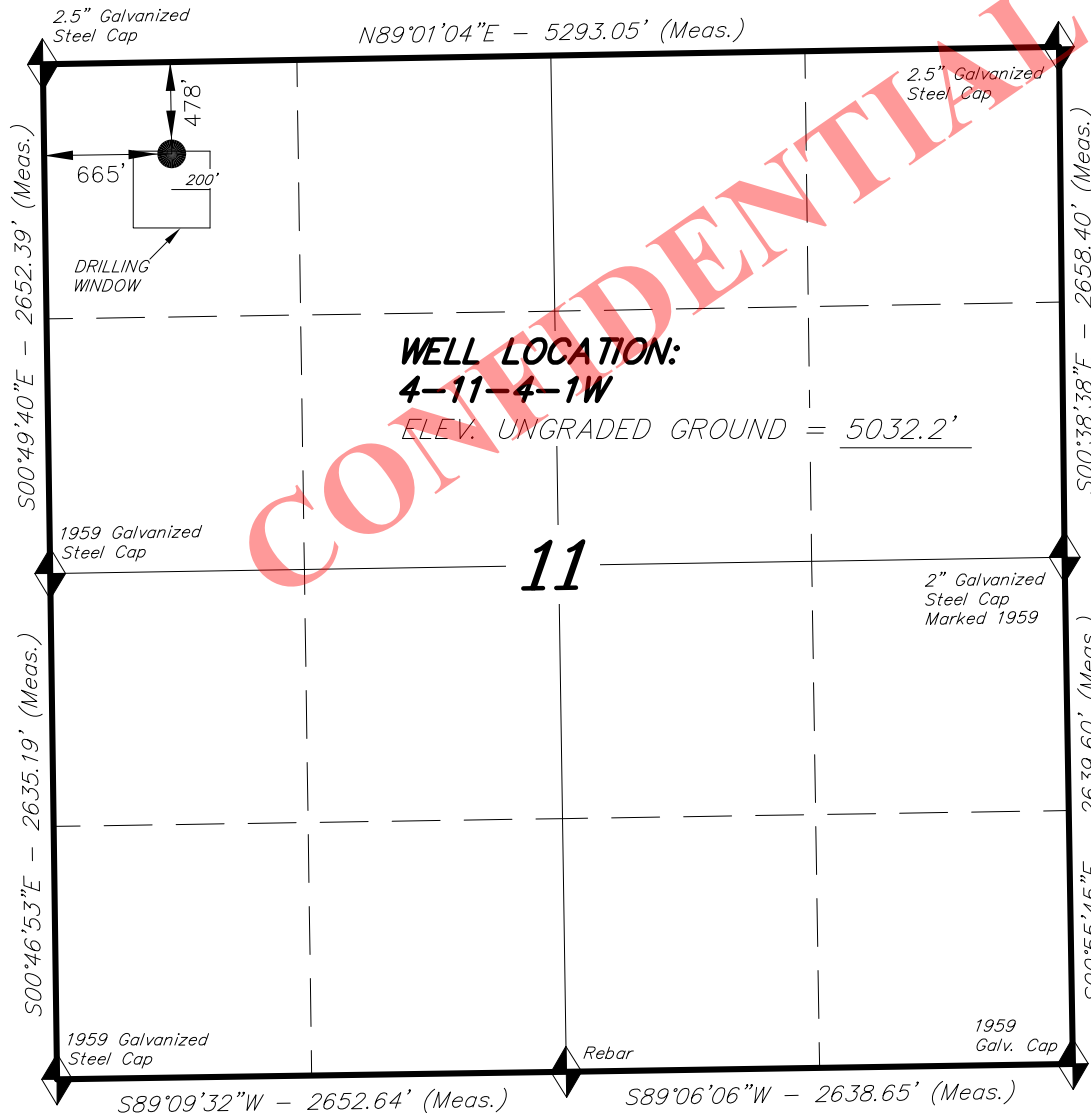
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

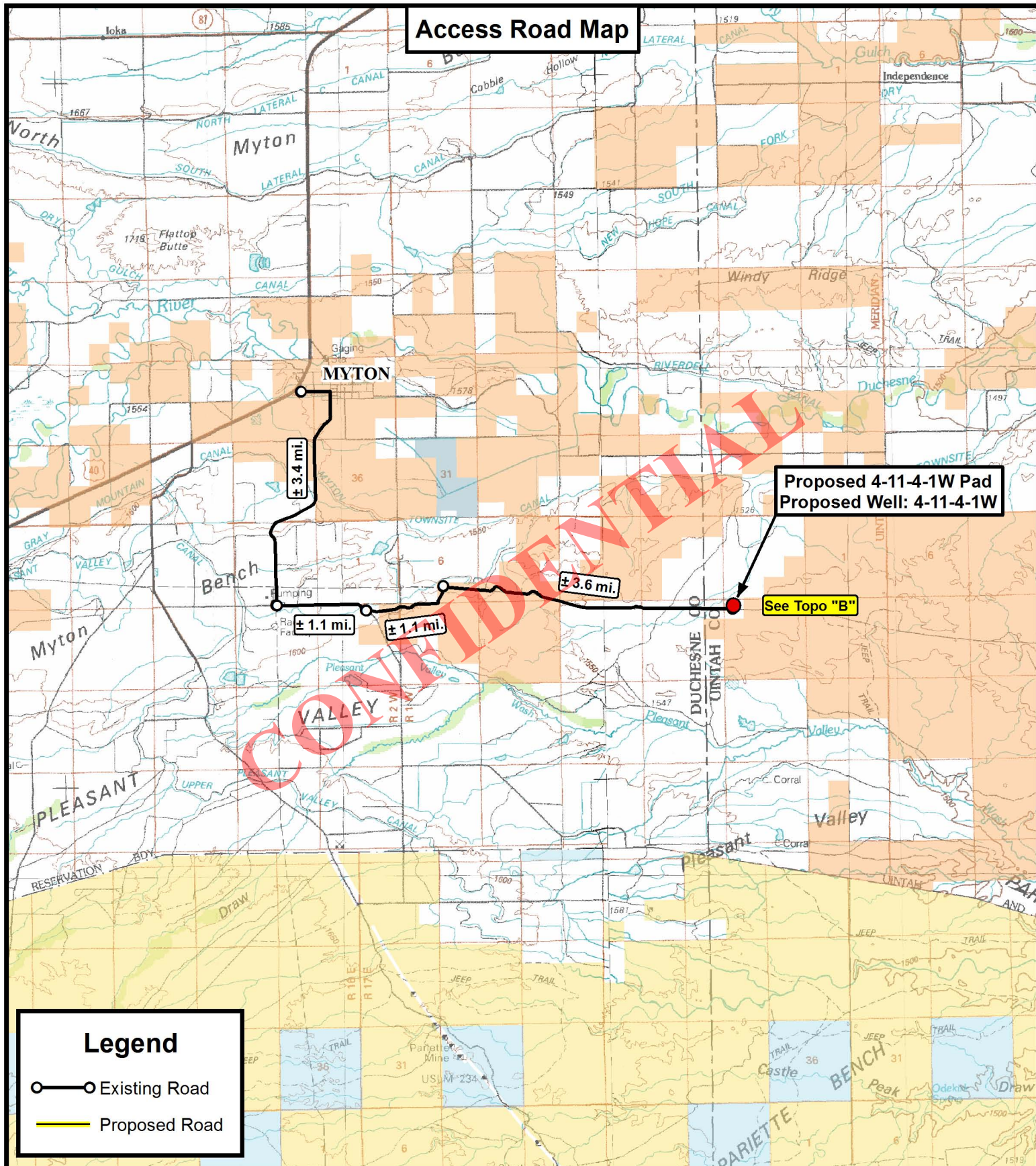
DATE SURVEYED: 12-19-13	SURVEYED BY: Q.M.	VERSION:
DATE DRAWN: 12-20-13	DRAWN BY: L.K.	V1
REVISED:	SCALE: 1" = 1000'	

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°09'19.78"
LONGITUDE = 109°58'14.57"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°09'19.92"
LONGITUDE = 109°58'12.03"

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on
an N.G.S. OPUS Correction. LOCATION:
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'





Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

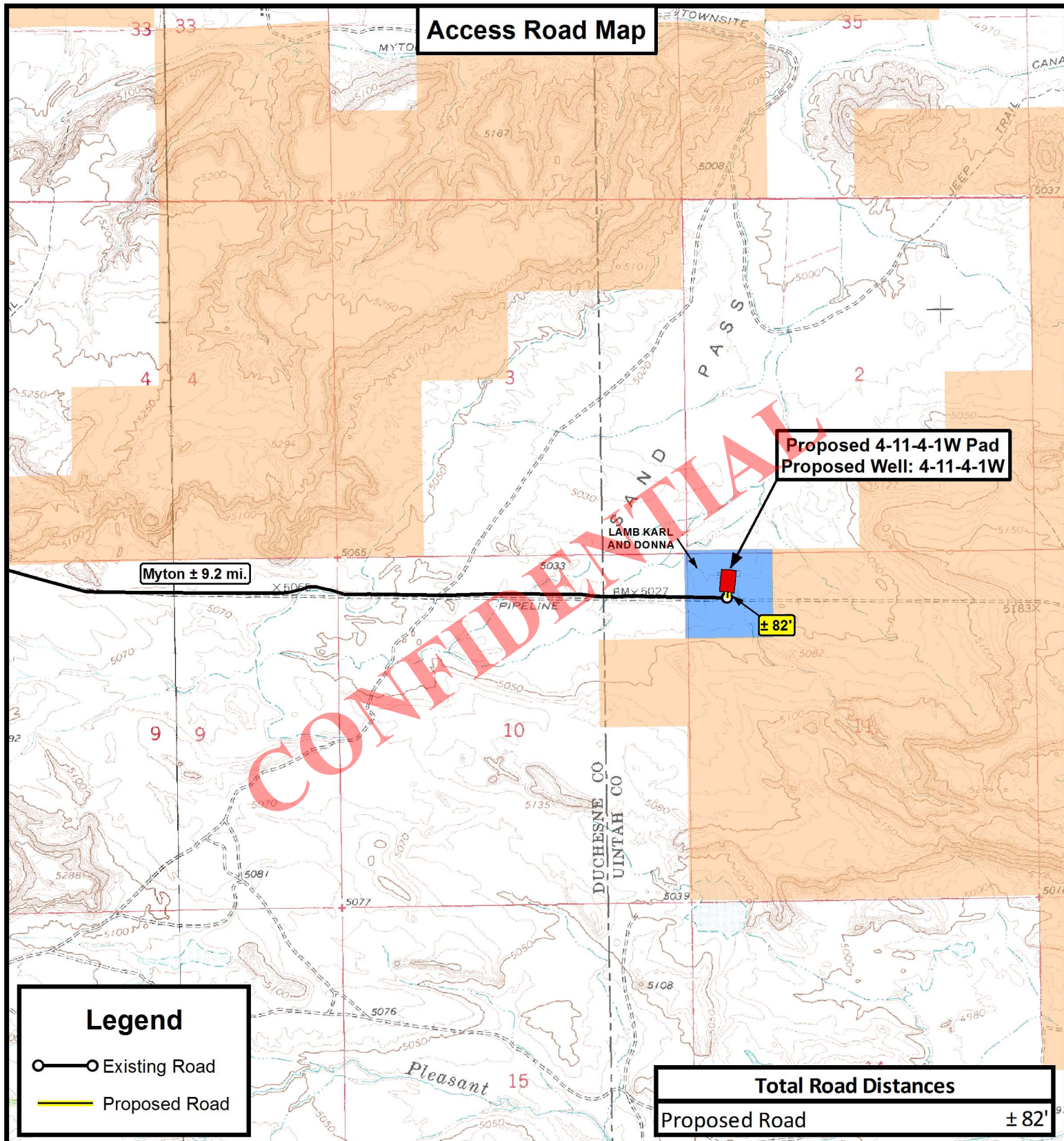
Proposed 4-11-4-1W Pad
Proposed Well: 4-11-4-1W
Sec. 11, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-26-2013		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET

A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY

Proposed 4-11-4-1W Pad
Proposed Well: 4-11-4-1W
Sec. 11, T4S, R1W, U.S.B.&M.
Uintah County, UT.

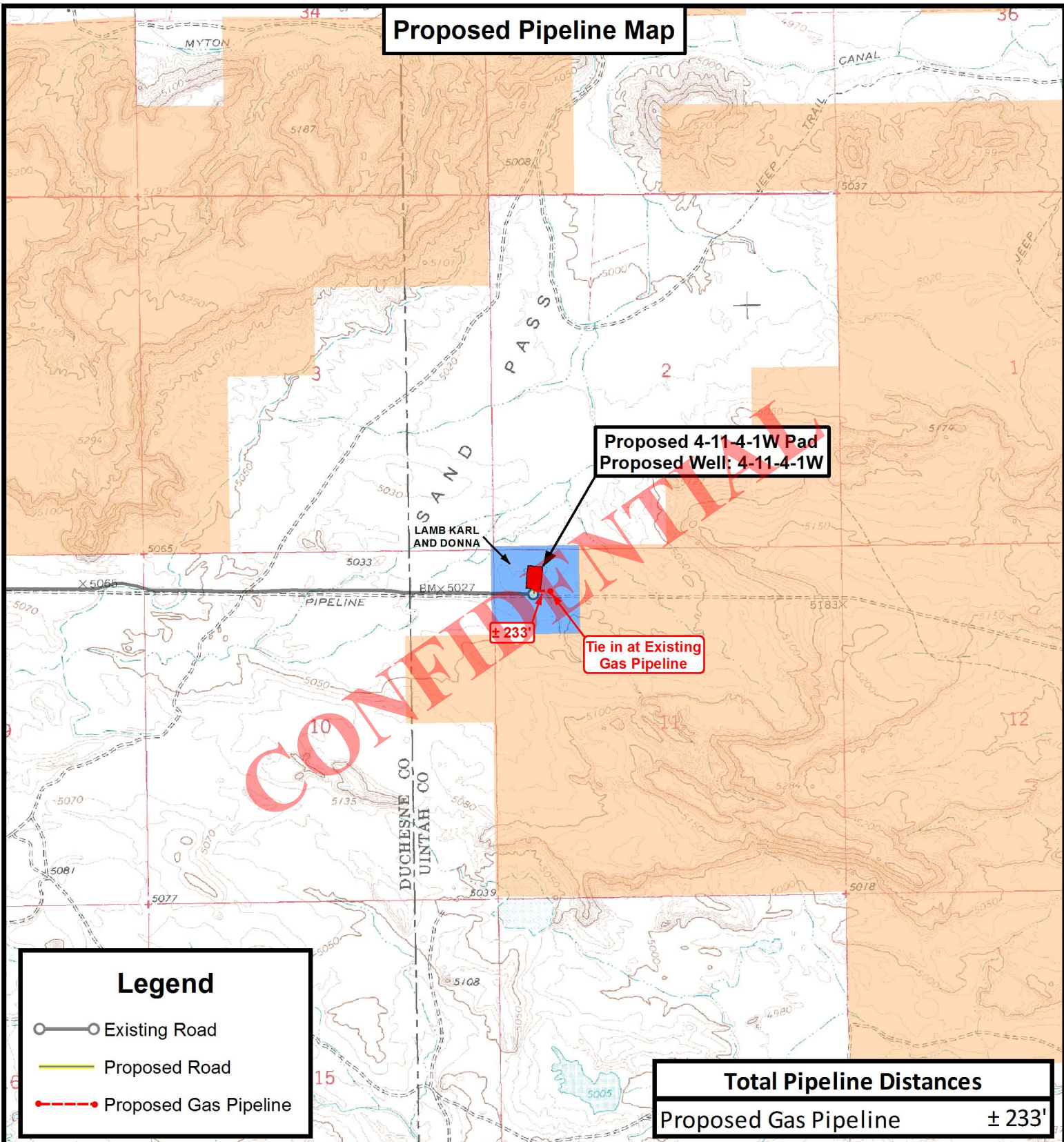
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-26-2013		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



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NEWFIELD EXPLORATION COMPANY

Proposed 4-11-4-1W Pad
Proposed Well: 4-11-4-1W
Sec. 11, T4S, R1W, U.S.B.&M.
Uintah County, UT.

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DATE:	12-26-2013		V1
SCALE:	1" = 2,000'		

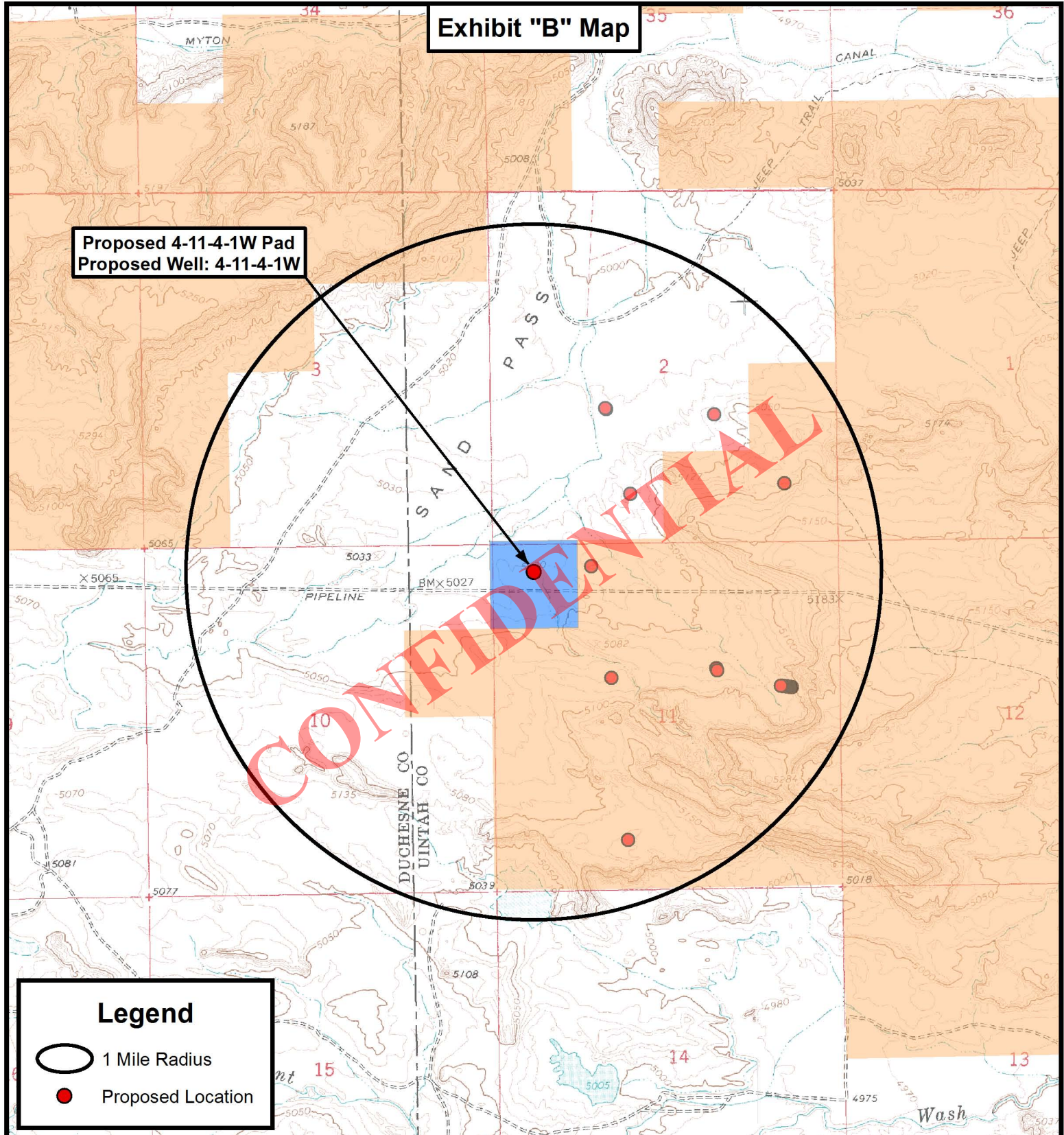
TOPOGRAPHIC MAP

SHEET

C

Exhibit "B" Map

Proposed 4-11-4-1W Pad
Proposed Well: 4-11-4-1W



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**NEWFIELD EXPLORATION COMPANY**

Proposed 4-11-4-1W Pad
 Proposed Well: 4-11-4-1W
 Sec. 11, T4S, R1W, U.S.B.&M.
 Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-26-2013		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

[illegible]

P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

**Proposed 4-11-4-1W Pad
Proposed Well: 4-11-4-1W
Sec. 11, T4S, R1W, U.S.B.&M.
Uintah County, UT.**

DRAWN BY:	A.P.C.
DATE:	12-26-2013
VERSION:	V1

REVISÉD:

COORDINATE REPORT

SHEET

1

RECEIVED: March 18, 2014

**AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY, SURFACE USE AND
DAMAGE AGREEMENT**

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Lamb 4-11-4-1W well with a surface location to be positioned in the NWNW of Section 11, Township 4 South, Range 1 West, Uintah County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Karl and Donna Lamb whose address is P.O. Box 216, Myton, UT 84052 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way, Surface Use and Damage Agreement dated March 17, 2014 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.



Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 18th day of March, 2014, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:



**NEWFIELD PRODUCTION COMPANY
LAMB 4-11-4-1W
AT SURFACE: NW/NW SECTION 11, T4S, R1W
UINTAH COUNTY, UTAH**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

The onsite inspection for this pad will need to be set up as soon as the APD is received by the State of Utah DOGM. This will be a new well pad with one proposed vertical well.

1. EXISTING ROADS

- a) To reach Newfield Production Company well location site Lamb 4-11-4-1W, proceed in a southerly direction out of Myton, approximately 3.4 miles to it's junction with an existing road to the east; proceed in a easterly direction approximately 5.8 miles to it's junction the beginning of the proposed access road to the north; proceed in a northerly direction along the proposed access road approximately 82' to the proposed well location.
- b) The proposed location is approximately 9.2 miles southeast of Myton, Utah
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

2. PLANNED ACCESS ROAD

- a) Approximately 82 feet of access road trending notheast is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".
- b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.
- c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

- a) Refer to Topographic Map "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.
- c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

- d) Tank batteries will be built to Federal Gold Book specifications.
- e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- f) Newfield Production Company proposes 233' of proposed gas pipeline. The proposed pipeline corridor across entirely Fee surface connecting existing pipeline corridor on Fee surface. See attached Topographic Map "C".
- g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline and a 6-inch or smaller fuel gas line.
- h) The pipeline will tie in to the existing Newfield pipeline infrastructure. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

5. **LOCATION AND TYPE OF WATER SUPPLY**

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
 - Johnson Water District (Water Right : 43-7478)
 - Maurice Harvey Pond (Water Right: 47-1358)
 - Neil Moon Pond (Water Right: 43-11787)
 - Newfield Collector Well (Water Right: 47-1817 - A30414DVA, contracted with the Duchesne County Conservancy District).

6. **SOURCE OF CONSTRUCTION MATERIALS**

- a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker

carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.

- b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.
- f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the referenced well, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

8. **ANCILLARY FACILITIES**

- a) There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

- a) See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 - 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times

3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location
 1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.
 2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.
- b) Dry Hole Abandoned Location
 1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

- a) Karl and Donna Lamb. See attached Affidavit of Surface Use Agreement.

12. OTHER ADDITIONAL INFORMATION

- a) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- b) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Location and Reserve Pit Reclamation

Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-11-4-1W, Section 11, Township 4S, Range 1W: Uintah County, Utah: and is responsible under the

terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #B001834.

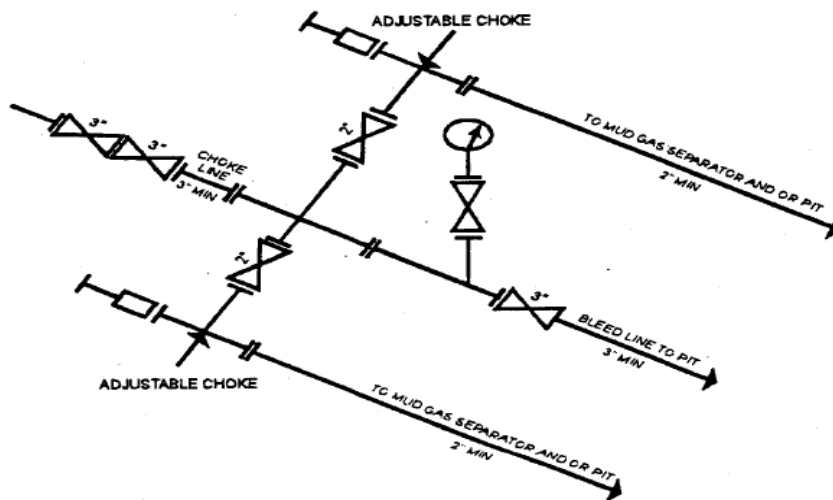
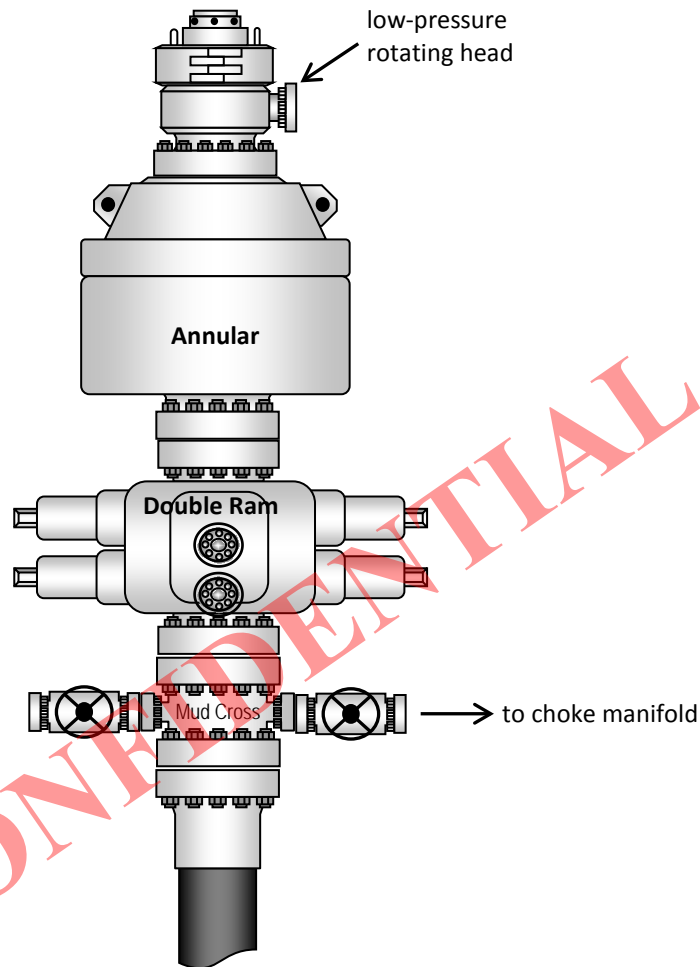
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

Date 3/18/14

Mandie Crozier
Regulatory Specialist
Newfield Production Company

CONFIDENTIAL

Typical 3M BOP Stack Configuration



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

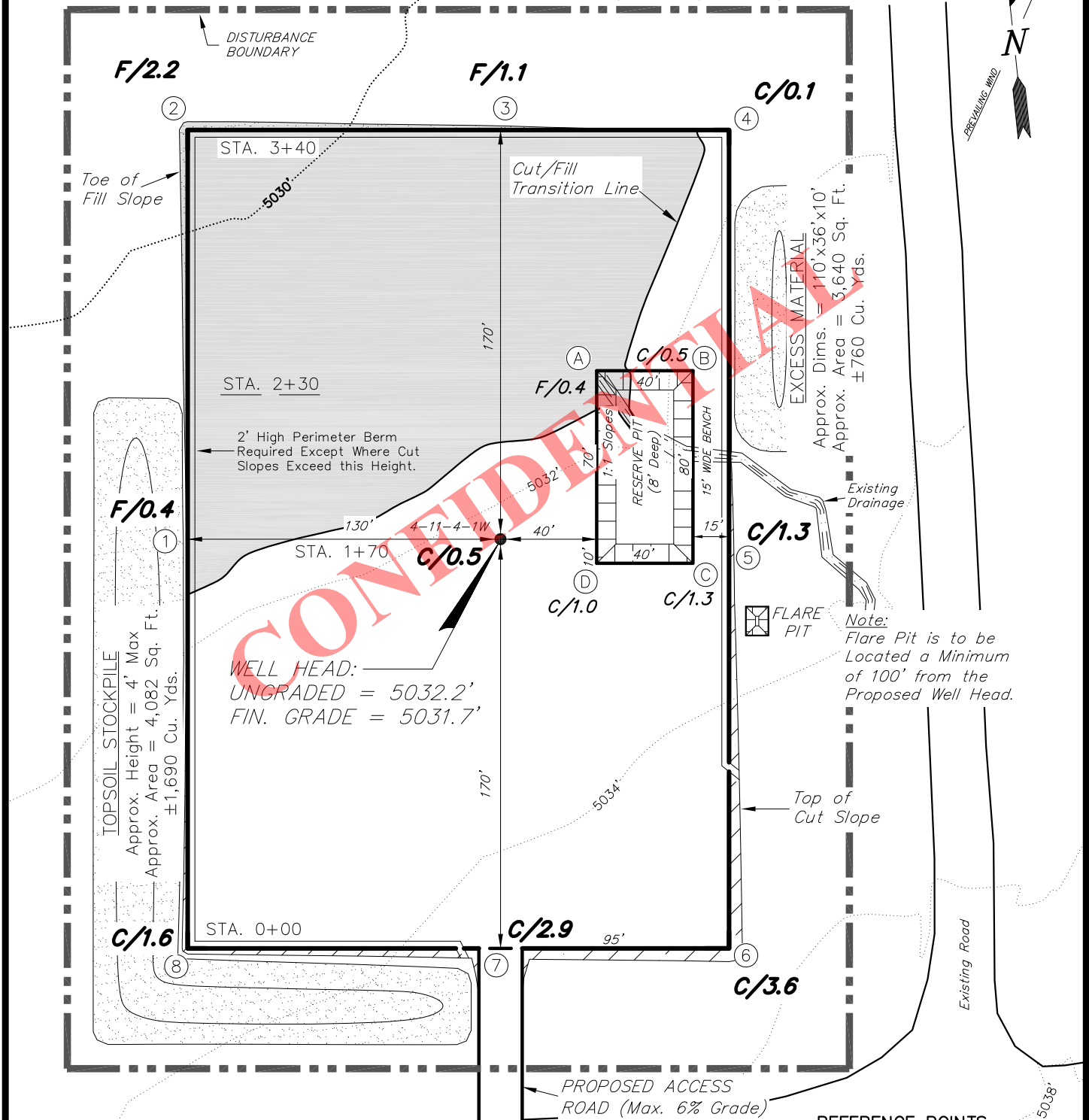
NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

PROPOSED 4-11-4-1W PAD

PROPOSED WELL: 4-11-4-1W

Pad Location: NWNW Section 11, T4S, R1W, U.S.B.&M.



NOTE:

The topsoil & excess material areas are calculated as being mounds containing 2,450 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: Q.M.	DATE SURVEYED: 12-19-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 12-20-13	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

RECEIVED: March 18, 2014

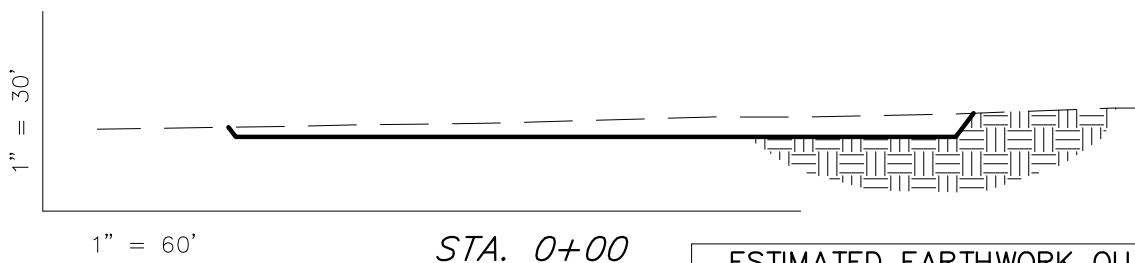
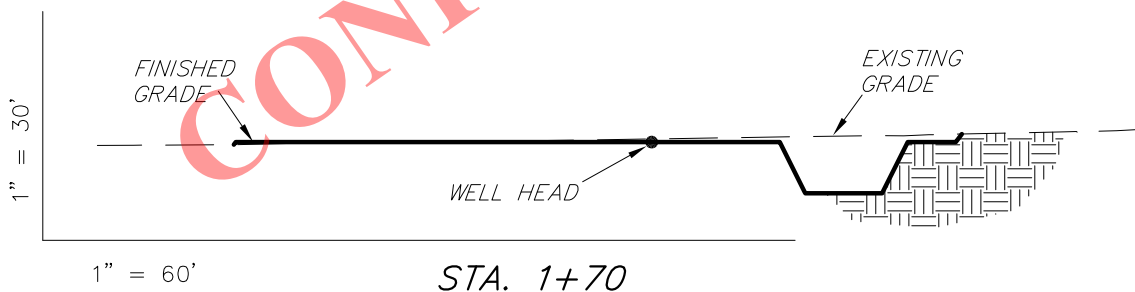
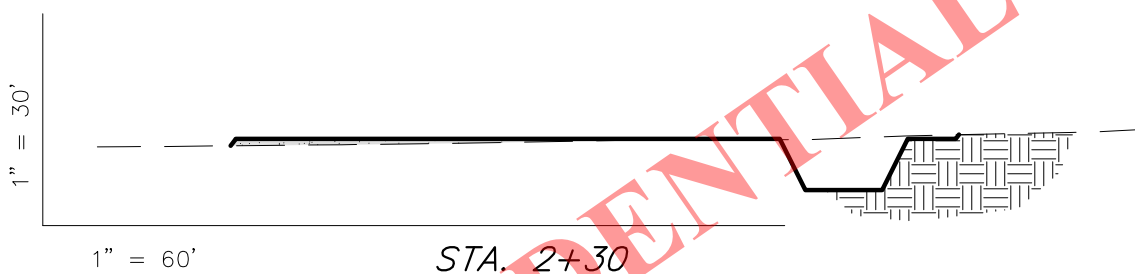
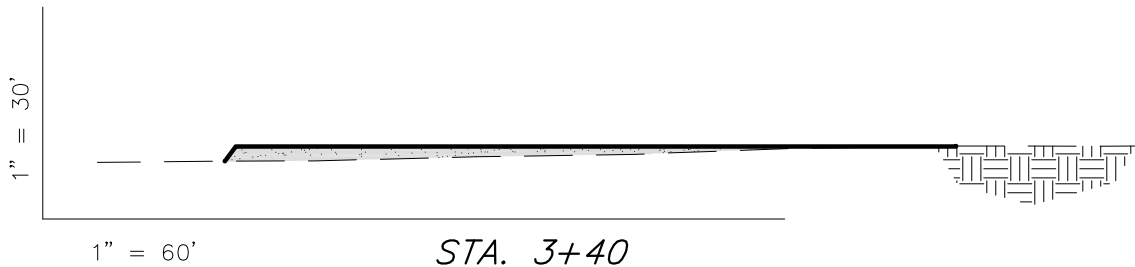
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

PROPOSED 4-11-4-1W PAD

PROPOSED WELL: 4-11-4-1W

Pad Location: NWNW Section 11, T4S, R1W, U.S.B.&M.



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,540	1,540	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
TOTALS	2,230	1,540	1,540	690

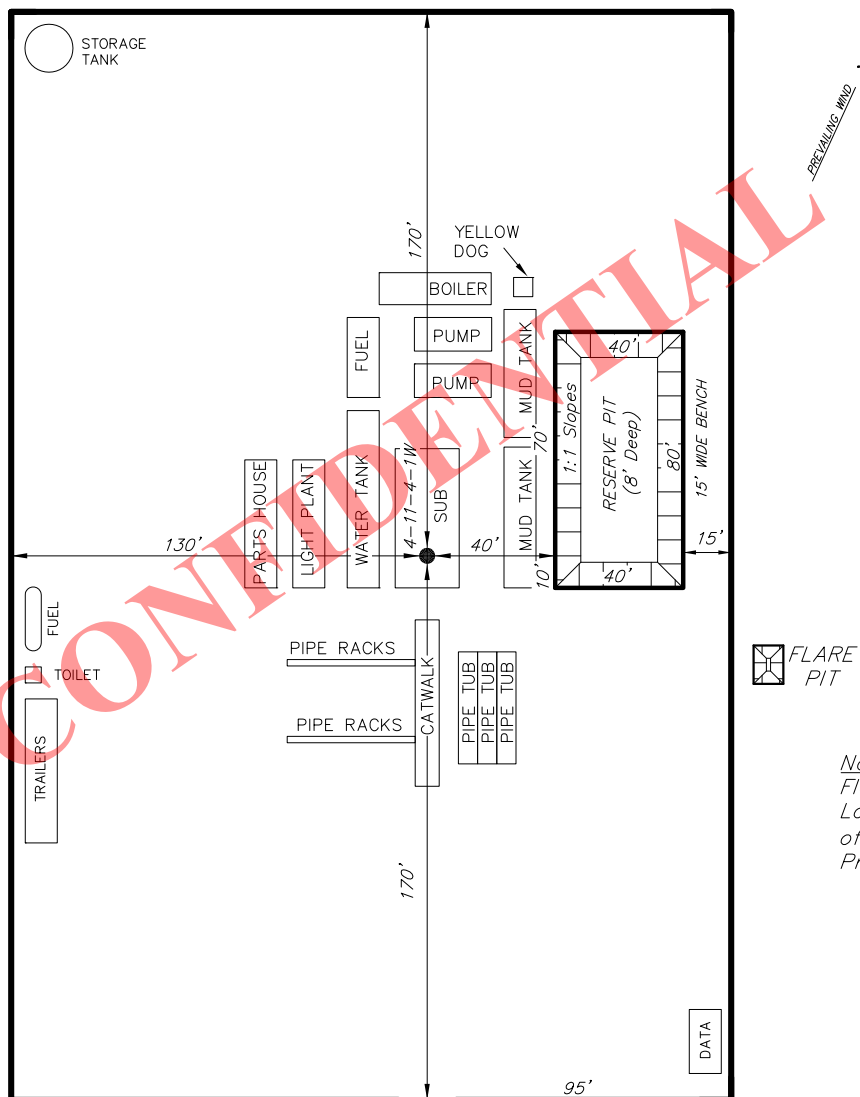
SURVEYED BY: Q.M.	DATE SURVEYED: 12-19-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 12-20-13	V1
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: March 18, 2014

NEWFIELD EXPLORATION COMPANY**TYPICAL RIG LAYOUT****PROPOSED 4-11-4-1W PAD****PROPOSED WELL: 4-11-4-1W**

Pad Location: NWNW Section 11, T4S, R1W, U.S.B.&M.



Note:
Flare Pit is to be
Located a Minimum
of 100' from the
Proposed Well Head.

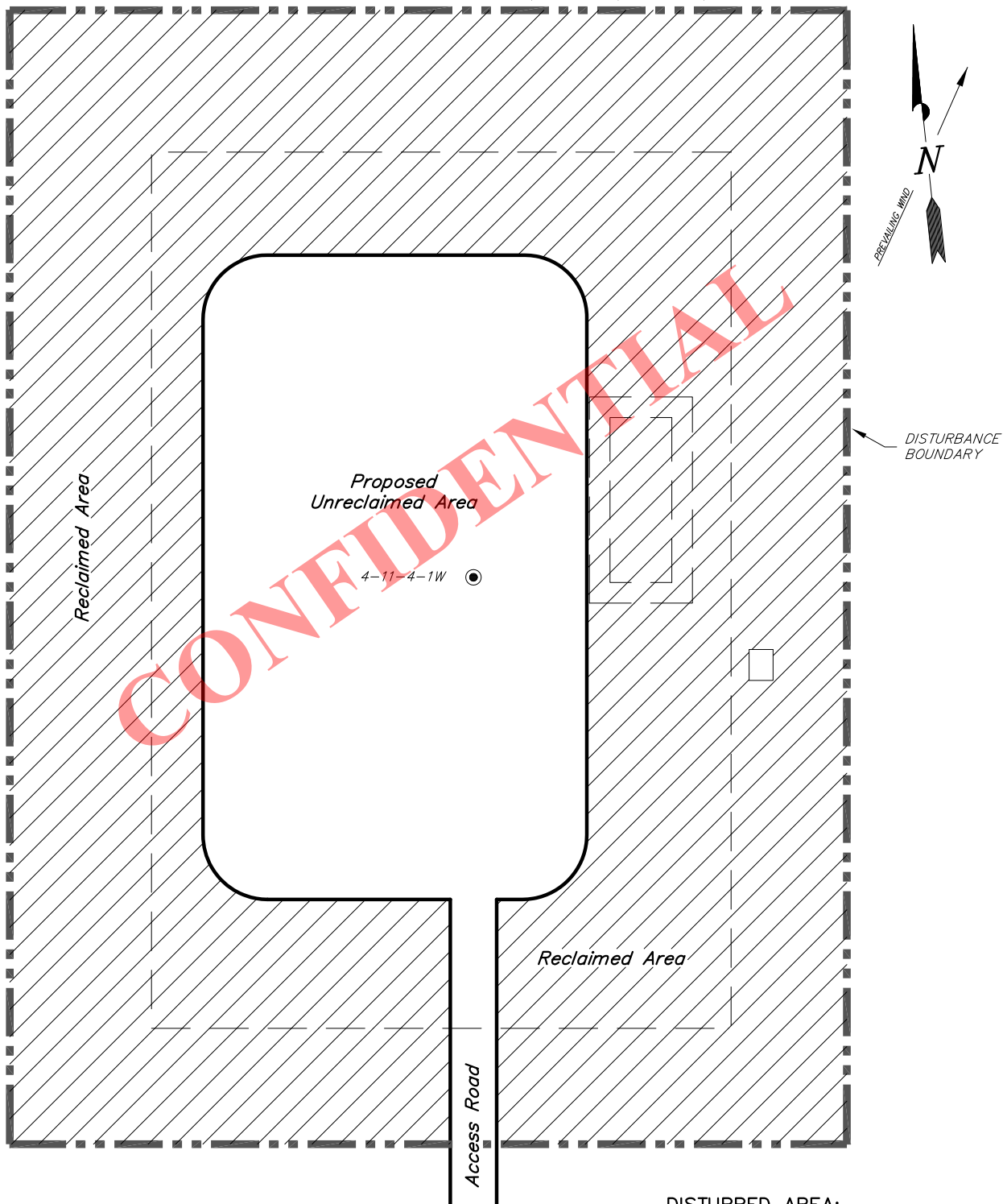
PROPOSED ACCESS
ROAD (Max. 6% Grade)

Existing Road

SURVEYED BY: Q.M.	DATE SURVEYED: 12-19-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 12-20-13	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: March 18, 2014

NEWFIELD EXPLORATION COMPANY**RECLAMATION LAYOUT****PROPOSED 4-11-4-1W PAD****PROPOSED WELL: 4-11-4-1W***Pad Location: NWNW Section 11, T4S, R1W, U.S.B.&M.***Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

DISTURBED AREA:

TOTAL DISTURBED AREA = ± 3.28 ACRES
 TOTAL RECLAIMED AREA = ± 2.40 ACRES
 UNRECLAIMED AREA = ± 0.88 ACRES

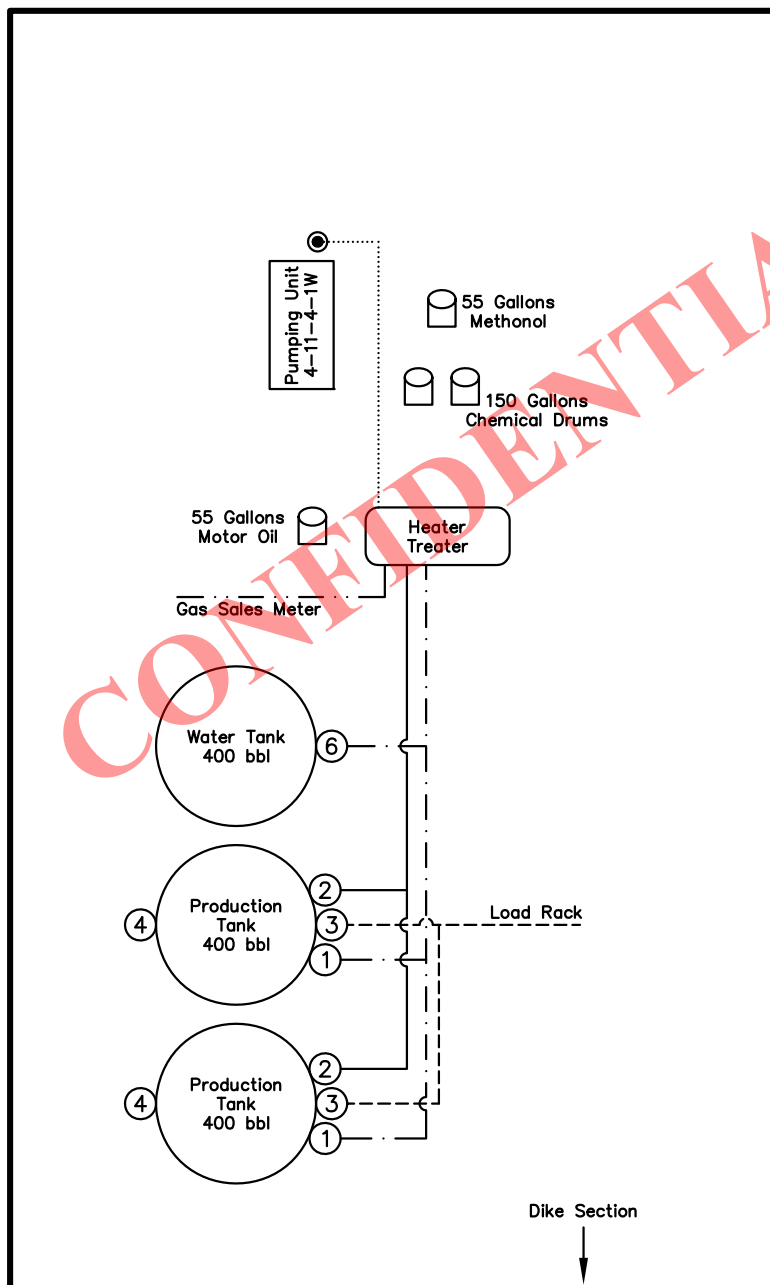
SURVEYED BY: Q.M.	DATE SURVEYED: 12-19-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 12-20-13	V1
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: March 18, 2014

NEWFIELD EXPLORATION COMPANY**PROPOSED SITE FACILITY DIAGRAM****4-11-4-1W PAD****4-11-4-1W FEE MINERALS**

*Pad Location: NWNW Section 11, T4S, R1W, U.S.B.&M.
 Uintah County, Utah*

**Legend**

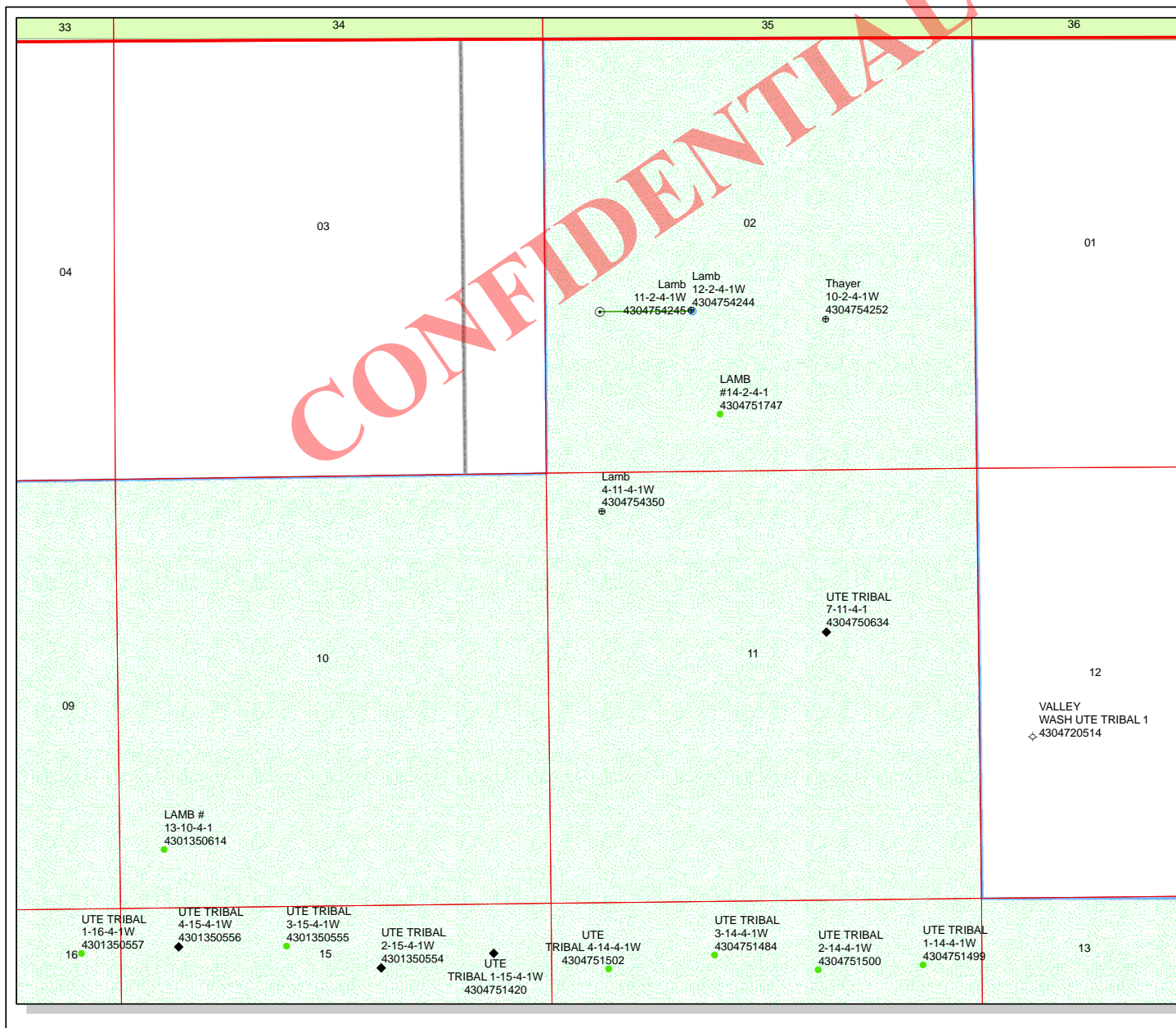
Emulsion Line
 Load Rack -----
 Water Line
 Gas Sales
 Oil Line -----

NOT TO SCALE

SURVEYED BY: Q.M.	DATE SURVEYED: 12-19-13	VERSION:
DRAWN BY: L.K.	DATE DRAWN: 12-20-13	V1
SCALE: NONE	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: March 18, 2014

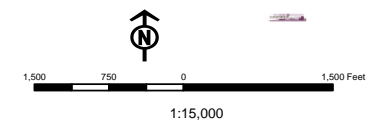
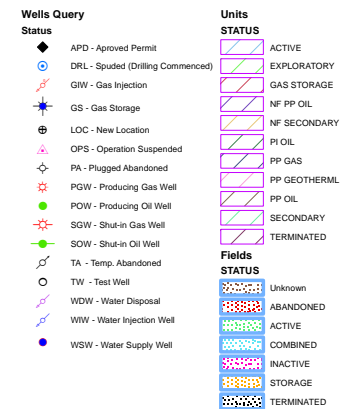


API Number: 4304754350

Well Name: Lamb 4-11-4-1W

Township: T04.0S Range: R01.0W Section: 11 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 3/19/2014
Map Produced by Diana Mason

Well Name	NEWFIELD PRODUCTION COMPANY Lamb 4-11-4-1W 430475435000			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	900	8322		
Previous Shoe Setting Depth (TVD)	0	900		
Max Mud Weight (ppg)	8.3	9.0		
BOPE Proposed (psi)	500	3000		
Casing Internal Yield (psi)	2950	7740		
Operators Max Anticipated Pressure (psi)	3808	8.8		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	388	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	280	YES <input type="checkbox"/> diverter bowl
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	190	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	190	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		900	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

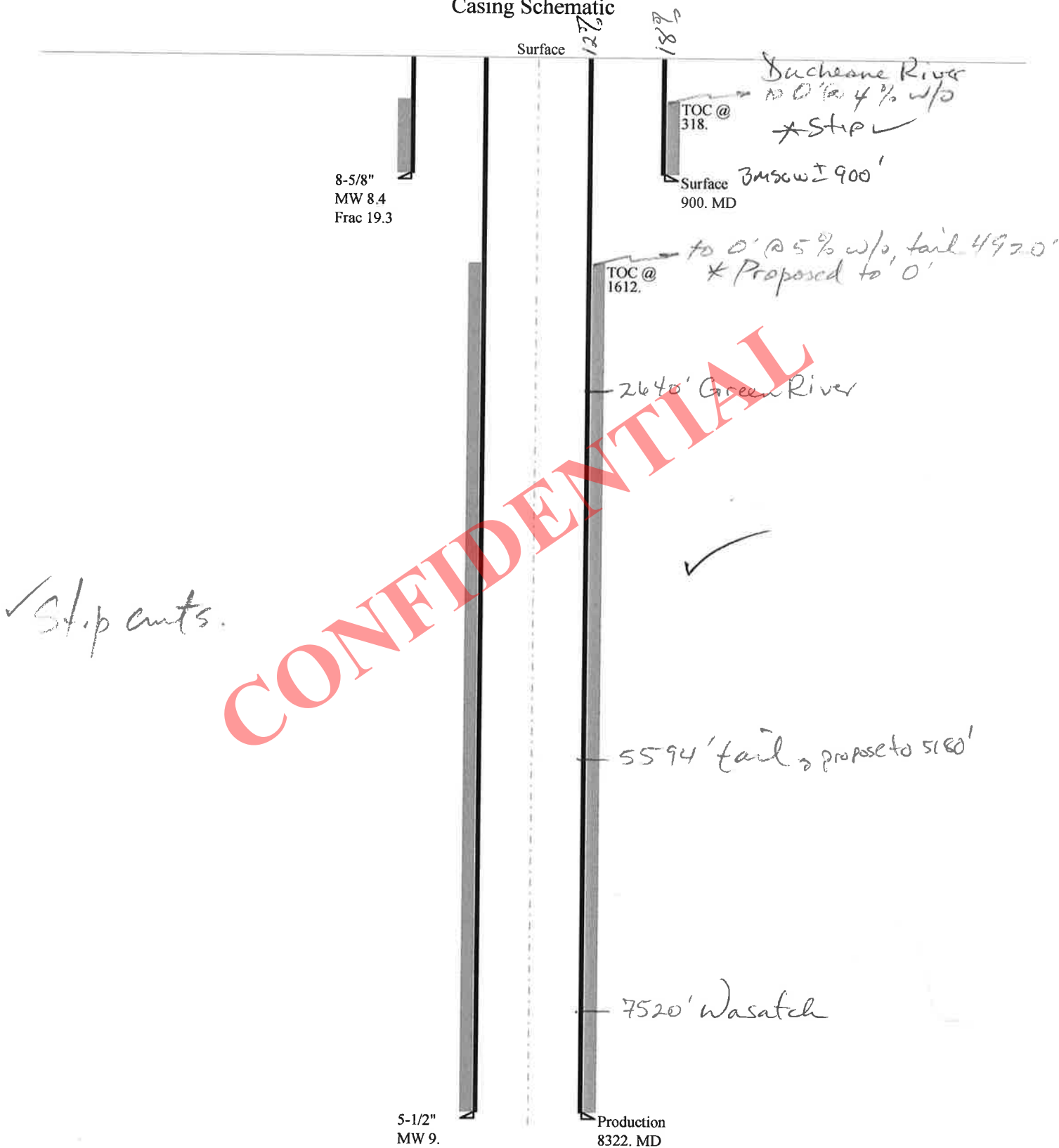
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3895	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2896	YES <input type="checkbox"/> 3M BOP, annular preventer 2 single or dbl rams, 3M choke
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2064	YES <input type="checkbox"/> manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2262	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		900	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047543500000 Lamb 4-11-4-1W

Casing Schematic



Well name:	43047543500000 Lamb 4-11-4-1W	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-047-54350
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 87 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 318 ft

Burst

Max anticipated surface pressure: 792 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 900 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 786 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,322 ft
Next mud weight: 9.000 ppg
Next setting BHP: 3,891 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 900 ft
Injection pressure: 900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	900	8.625	24.00	J-55	ST&C	900	900	7.972	4632

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	393	1370	3.489	900	2950	3.28	18.9	244	12.93 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: March 19, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 900 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047543500000 Lamb 4-11-4-1W	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production	Project ID: 43-047-54350
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 191 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 1,612 ft

Burst

Max anticipated surface pressure: 2,060 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,891 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 7,186 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8322	5.5	17.00	N-80	LT&C	8322	8322	4.767	46906
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3891	6290	1.617	3891	7740	1.99	141.5	348	2.46 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: March 19, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8322 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Lamb 4-11-4-1W
API Number 43047543500000 **APD No** 9500 **Field/Unit** WINDY RIDGE
Location: 1/4,1/4 NWNW **Sec** 11 **Tw** 4.0S **Rng** 1.0W 478 FNL 665 FWL
GPS Coord (UTM) 587661 4445524 **Surface Owner** Karl and Donna Lamb

Participants

Mandie Crozier, Forrest Bird - NFX; Karl Lamb - surface owner; Richard Powell - DOGM

Regional/Local Setting & Topography

The location is the Pleasant Valley/ Sand Pass area 8 miles East southeast of Myton. The sand pass facility and numerous ponds are nearby. It is placed in a fallow cattle pasture next to cultivated farmland under sprinkler just across the Uintah county line. The topography is rather flat with the occasional small butte. Most of the region is wild desert lands but, the local area has a much higher than normal density of wetlands and ponds.

There exists a wide drainage across location. Road(built by operator for nearby wells) is continually washed out. Road need to be improved and measures taken for the diversion of flows

Surface Use Plan

Current Surface Use

Wildlfe Habitat

Grazing

**New Road
Miles**

0

Well Pad

Width 260 Length 340

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

weeds and cultivars for cattle grazing

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

Soil Type and Characteristics

silty sands

Erosion Issues Y**Sedimentation Issues Y****Site Stability Issues N****Drainage Diversion Required? Y**

roadside ditches etc.

Berm Required? Y**Erosion Sedimentation Control Required? N****Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		25 1 Sensitivity Level

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

NFX previously built a road to other nearby wells. This road has caused problems (flooding) on other peoples property. The road is frequently washed out and impassable. They have promised to build it correctly this time and add borrow ditching etc to divert water to a drainage.

Chris Jensen
Evaluator

3/26/2014
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9500	43047543500000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Karl and Donna Lamb	
Well Name	Lamb 4-11-4-1W		Unit		
Field	WINDY RIDGE		Type of Work	DRILL	
Location	NWNW 11 4S 1W U 478 FNL 665 FWL GPS Coord (UTM) 587668E 4445519N				

Geologic Statement of Basis

Newfield proposes to set 900' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 900'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 11. The well is privately owned and located over a mile from the proposed well. Depth is listed as 400 feet. Water use is listed as irrigation, stock watering and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement programs should adequately protect usable ground water in this area.

Brad Hill
APD Evaluator

4/14/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location inside the spacing window. Access road enters the pad from the South. The landowner and its representative was in attendance for the pre-site inspection .

The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions provided improvements to the road are made.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area and numerous ponds/ wetlands can be found to the West. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. NFX previously built a road to other nearby wells. This road has caused problems (flooding) on other peoples property. The road is frequently washed out and impassable. Adjacent road is to be re-built correctly with measures for the

diversion of overland flows to an appropriate drainage. Access point to the pad is to be humped and maintained as such.

Chris Jensen
Onsite Evaluator

3/26/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Promises made with surface owner and agreements reached at onsite are to be honored and timely executed
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	The well site shall be bermed to prevent fluids from entering or leaving location. Access road to be humped at location entrance for the same purpose.
Surface	Overland flow and drainages adjacent to the proposed pad and road shall be diverted appropriately back into existing natural drainage
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/18/2014

API NO. ASSIGNED: 43047543500000

WELL NAME: Lamb 4-11-4-1W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNW 11 040S 010W

Permit Tech Review: ☒

SURFACE: 0478 FNL 0665 FWL

Engineering Review: ☒

BOTTOM: 0478 FNL 0665 FWL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15545

LONGITUDE: -109.97062

UTM SURF EASTINGS: 587668.00

NORTHINGS: 4445519.00

FIELD NAME: WINDY RIDGE

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: STATE/FEE - B001834
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 437478
- ☐ RDCC Review:
- ☒ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- ☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: April 15, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Lamb 4-11-4-1W
API Well Number: 43047543500000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/15/2014

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan. The tail cement shall rise above any

potential productive intervals in the Green River.

Surface casing shall be cemented to the surface.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) - due prior to implementation
 - Written Notice of Emergency Changes (Form 9) - due within 5 days
 - Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation

- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: Lamb 4-11-4-1W
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0478 FNL 0665 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 11 Township: 04.0S Range: 01.0W Meridian: U		9. API NUMBER: 43047543500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WINDY RIDGE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/13/2014 <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 5/13/14 drill and set 18' of 14" conductor. On 5/14/14 drill f/18' to 943' of 12 1/4" hole. P/U and run 21 joints of 8 5/8" casing set depth 936' KB. On 5/16/14 Cement w/Halliburton w/470 sx of 15.8 # 1.19 yield G Neat cement returned 20 bbls back to pit and bumped plug to 900 psi.		
NAME (PLEASE PRINT) Cherei Neilson		PHONE NUMBER 435 646-4883
SIGNATURE N/A		TITLE Drilling Technician
DATE 5/28/2014		<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 28, 2014 </div>

NEWFIELD**Casing****Conductor**

Legal Well Name Lamb 4-11-4-1W			Wellbore Name Original Hole		
API/UWI 43047543500000	Surface Legal Location NWNW 478' FNL 665' FWL Sec 11 T4S R1W		Field Name MYTON AREA	Well Type Development	Well Configuration Type Vertical
Well RC 500360049	County Uintah	State/Province Utah	Spud Date 5/19/2014 10:30	Final Rig Release Date 5/24/2014 18:00	

Wellbore					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	31	5/13/2014	5/13/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Conductor	Set Depth (ftKB)	31	Run Date 5/13/2014	Set Tension (kips)
Centralizers	Scratchers			

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40		1	18.00	13.0	31.0			

Jewelry Details												
External Casing Packer												
Type	Setting Requirement			Release Requirements			Inflation Method		Vol Inflation (gal)		Equiv Hole Sz (in)	
Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)		AV Acting Pressure (psi)	P ICV Set (psi)		P ICV Act (psi)		ECP Load (1000lbf)		Seal Load (1000lbf)	

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description		Slot Pattern		Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger				
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)
Slip Description			Set Mechanics	

Setting Procedure												
-------------------	--	--	--	--	--	--	--	--	--	--	--	--

Unsetting Procedure												
---------------------	--	--	--	--	--	--	--	--	--	--	--	--

NEWFIELD**Casing****Surface**

Legal Well Name Lamb 4-11-4-1W		Wellbore Name Original Hole	
API/UWI 43047543500000	Surface Legal Location NWNW 478' FNL 665' FWL Sec 11 T4S R1W	Field Name MYTON AREA	Well Type Development
Well RC 500360049	County Uintah	State/Province Utah	Spud Date 5/19/2014 10:30
		Final Rig Release Date 5/24/2014 18:00	

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (ftKB)	
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	31	5/13/2014	5/13/2014
Vertical	12 1/4	31	943	5/14/2014	5/14/2014

Wellhead			
Type	Install Date	Service	Comment

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing	
Casing Description Surface	Set Depth (ftKB) 936
Run Date 5/14/2014	Set Tension (kips)
Centralizers 5	Scratchers

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	2.00	13.0	15.0			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	41.90	15.0	56.9			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	19	832.34	56.9	889.2			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	0.90	889.2	890.1			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	43.96	890.1	934.1			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.40	934.1	935.5			

Jewelry Details							
External Casing Packer							
Type	Setting Requirement	Release Requirements		Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)	
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger			
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)
Slip Description		Set Mechanics	

Setting Procedure
Unsetting Procedure

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ProPetro 8 Submitted
By Branden Arnold Phone Number 435-401-0223
Well Name/Number Lamb 4-11-4-1W
Qtr/Qtr NW/NW Section 11 Township 4S Range 1W
Lease Serial Number FEE
API Number 43-047-5435 ⁰

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 5/13/14 12:00 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5/14/14 2:00 AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Capstar 329
Submitted By Richard Hadlock Phone Number 970-361-3001
Well Name/Number Lamb 4-11-4-1W
Qtr/Qtr NW/NW Section 11 Township 4S Range 1W
Lease Serial Number Fee
API Number 43-047-54350

TD Notice – TD is the final drilling depth of hole.

Date/Time 5/22/2014 16:00 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5/23/2014 06:00 AM ☐ PM ☐

Form 3160-4
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						5. Lease Serial No. FEE			
						6. If Indian, Allottee or Tribe Name			
2. Name of Operator NEWFIELD PRODUCTION COMPANY						7. Unit or CA Agreement Name and No.			
3. Address ROUTE #3 BOX 3630 MYTON, UT 84052				3a. Phone No. (include area code) Ph: 435-646-3721		8. Lease Name and Well No. LAMB 4-11-4-1W			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 478' FNL 665' FWL (NW/NW) SEC 11 T4S R1W At top prod. interval reported below At total depth 765' FNL 611' FWL (NW/NW) SEC 11 T4S R1W						9. API Well No. 43-047-54350			
						10. Field and Pool or Exploratory MONUMENT BUTTE			
						11. Sec., T., R., M., on Block and Survey or Area SEC 11 T4S R1W			
						12. County or Parish UINTAH			
						13. State UT			
						17. Elevations (DF, RKB, RT, GL)* 5032' GL 5045' KB			
14. Date Spudded 05/13/2014		15. Date T.D. Reached 05/24/2014		16. Date Completed 06/12/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					
18. Total Depth: MD 8325' TVD 8318'		19. Plug Back T.D.: MD 8275' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	936'		470 CLASS G			
7-7/8"	5-1/2" SB-80	17	0'	8321'		400 Econocem		0'	
						580 Expandacem			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@8099'	TA@7946'							
25. Producing Intervals								26. Perforation Record	
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Wasatch		7768'	7959'	7768' - 7959' MD		0.34	20		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7768' - 7959' MD		Frac w/ 339,076#s of 20/40 white sand, 71,378#s of 30/50 sand, and 35,284#s of 100 Mesh in 7941 bbls of Lightning 17 fluid, in 6 stages							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/11/14	6/21/14	24	→	78	31	58			2.5 X 1.75 X 24 RHAC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers
GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MARK GARDEN GULCH 1	5121' 5310'
				GARDEN GULCH 2 POINT 3	5444' 5787'
				X MRKR Y MRKR	5985' 6028'
				DOUGLAS CREEK MRK BI CARBONATE MRK	6175' 6593'
				B LIMESTONE MRK CASTLE PEAK	6665' 6980'
				BASAL CARBONATE WASATCH	7335' 7462'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Heather CalderTitle Regulatory TechnicianSignature Heather CalderDate 06/30/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 11 T4S, R1W
4-11-4-1W
Wellbore #1**

Design: Actual

End of Well Report

01 June, 2014





Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
Well 4-11-4-1W
4-11-4-1W @ 5045.0usft (Capstar 329)
4-11-4-1W @ 5045.0usft (Capstar 329)
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
True
Minimum Curvature
EDM 5000.1 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone

System Datum: Mean Sea Level

Site SECTION 11 T4S, R1W

Site Position: Northing: 7,229,017.72 usft Latitude: 40° 9' 19.780 N
From: Easting: 2,067,835.25 usft Longitude: 109° 58' 14.570 W
Position Uncertainty: Slot Radius: 13-3/16 " Grid Convergence: 0.98 °

Well 4-11-4-1W, SHL: 40° 9' 19.780 -109° 58' 14.570

Well Position +N/-S 0.0 usft Latitude: 40° 9' 19.780 N
+E/-W 0.0 usft Longitude: 109° 58' 14.570 W
Position Uncertainty 0.0 usft Wellhead Elevation: 5,045.0 usft Ground Level: 5,032.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/10/2014	10.92	65.83	52,060

Design Actual

Audit Notes:

Version: 1.0

Vertical Section:	Depth From (TVD) (usft)	Phase:	Actual	Tie On Depth:
	0.0	+N/-S (usft)	0.0	+E/-W (usft)
			0.0	0.0
				Direction (°)
				190.55

Survey Program Date 6/1/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
978.0	8,325.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
 4-11-4-1W @ 5045.0usft (Capstar 329)
 4-11-4-1W @ 5045.0usft (Capstar 329)
TVR Reference: True
MD Reference: Minimum Curvature
North Reference: EDM 5000.1 Single User Db
Survey Calculation Method:
Database:

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	978.0	0.35	205.64	978.0	2.9	-2.7	-1.3	0.04	0.04	0.00
	1,022.0	0.40	189.91	1,022.0	3.2	-3.0	-1.4	0.26	0.11	-35.75
	1,065.0	0.40	208.81	1,065.0	3.5	-3.2	-1.5	0.31	0.00	43.95
	1,109.0	0.31	210.96	1,109.0	3.7	-3.5	-1.6	0.21	-0.20	4.89
	1,153.0	0.48	213.42	1,153.0	4.0	-3.7	-1.8	0.39	0.39	5.59
	1,197.0	0.57	215.71	1,197.0	4.4	-4.1	-2.0	0.21	0.20	5.20
	1,241.0	0.66	219.70	1,241.0	4.8	-4.4	-2.3	0.23	0.20	9.07
	1,284.0	0.66	226.49	1,284.0	5.2	-4.8	-2.6	0.18	0.00	15.79
	1,328.0	0.51	233.43	1,328.0	5.6	-5.1	-3.0	0.38	-0.34	15.77
	1,372.0	0.51	236.29	1,372.0	5.8	-5.3	-3.3	0.06	0.00	6.50
	1,416.0	0.48	241.37	1,416.0	6.1	-5.5	-3.6	0.12	-0.07	11.55
	1,459.0	0.44	252.75	1,459.0	6.3	-5.7	-3.9	0.23	-0.09	26.47
	1,502.0	0.40	253.28	1,502.0	6.4	-5.7	-4.2	0.09	-0.09	1.23
	1,546.0	0.44	254.47	1,546.0	6.6	-5.8	-4.5	0.09	0.09	2.70
	1,589.0	0.40	254.51	1,589.0	6.7	-5.9	-4.8	0.09	-0.09	0.09
	1,632.0	0.35	254.68	1,632.0	6.8	-6.0	-5.1	0.12	-0.12	0.40
	1,675.0	0.39	273.34	1,675.0	6.9	-6.0	-5.4	0.29	0.09	43.40
	1,719.0	0.44	279.60	1,719.0	6.9	-6.0	-5.7	0.15	0.11	14.23
	1,762.0	0.53	274.28	1,762.0	6.9	-5.9	-6.1	0.23	0.21	-12.37
	1,806.0	0.48	235.52	1,806.0	7.1	-6.0	-6.4	0.77	-0.11	-88.09
	1,850.0	0.75	177.17	1,850.0	7.5	-6.4	-6.6	1.46	0.61	-132.61
	1,894.0	0.79	177.21	1,894.0	8.1	-7.0	-6.5	0.09	0.09	0.09
	1,938.0	0.79	179.57	1,938.0	8.7	-7.6	-6.5	0.07	0.00	5.36
	2,024.0	1.58	171.19	2,023.9	10.4	-9.4	-6.3	0.94	0.92	-9.74
	2,067.0	1.71	166.71	2,066.9	11.5	-10.6	-6.1	0.43	0.30	-10.42
	2,110.0	1.67	162.40	2,109.9	12.7	-11.8	-5.8	0.31	-0.09	-10.02



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
 4-11-4-1W @ 5045.0usft (Capstar 329)
 4-11-4-1W @ 5045.0usft (Capstar 329)
MD Reference: True
North Reference: Minimum Curvature
Survey Calculation Method: EDM 5000.1 Single User Db
Database:

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	2,153.0	1.71	160.55	2,152.9	13.8	-13.0	-5.4	0.16	0.09	-4.30
	2,197.0	1.76	159.19	2,196.9	14.9	-14.3	-4.9	0.15	0.11	-3.09
	2,241.0	1.76	164.16	2,240.8	16.1	-15.5	-4.5	0.35	0.00	11.30
	2,285.0	1.58	178.70	2,284.8	17.3	-16.8	-4.3	1.04	-0.41	33.05
	2,328.0	1.76	184.50	2,327.8	18.5	-18.1	-4.3	0.57	0.42	13.49
	2,372.0	1.71	172.99	2,371.8	19.8	-19.4	-4.3	0.80	-0.11	-26.16
	2,416.0	1.71	154.88	2,415.8	21.0	-20.6	-3.9	1.22	0.00	-41.16
	2,459.0	1.76	150.58	2,458.7	22.0	-21.8	-3.3	0.32	0.12	-10.00
	2,503.0	1.80	147.68	2,502.7	23.0	-23.0	-2.6	0.22	0.09	-6.59
	2,545.0	1.85	148.86	2,544.7	24.0	-24.1	-1.9	0.15	0.12	2.81
	2,589.0	1.80	152.82	2,588.7	25.1	-25.3	-1.2	0.31	-0.11	9.00
	2,633.0	1.87	155.19	2,632.7	26.2	-26.6	-0.6	0.23	0.16	5.39
	2,677.0	1.76	156.52	2,676.6	27.4	-27.9	0.0	0.27	-0.25	3.02
	2,720.0	1.63	164.16	2,719.6	28.5	-29.0	0.4	0.61	-0.30	17.77
	2,764.0	1.67	167.59	2,763.6	29.6	-30.3	0.7	0.24	0.09	7.80
	2,808.0	1.71	169.83	2,807.6	30.8	-31.5	0.9	0.18	0.09	5.09
	2,852.0	1.80	172.73	2,851.6	32.1	-32.9	1.1	0.29	0.20	6.59
	2,895.0	1.93	174.84	2,894.5	33.5	-34.3	1.3	0.34	0.30	4.91
	2,938.0	2.07	175.01	2,937.5	34.9	-35.8	1.4	0.33	0.33	0.40
	2,981.0	2.24	177.17	2,980.5	36.5	-37.4	1.5	0.44	0.40	5.02
	3,025.0	2.29	180.15	3,024.4	38.2	-39.1	1.6	0.29	0.11	6.77
	3,067.0	2.29	180.29	3,066.4	39.8	-40.8	1.6	0.01	0.00	0.33
	3,111.0	2.33	181.65	3,110.4	41.6	-42.6	1.5	0.15	0.09	3.09
	3,154.0	2.46	183.36	3,153.3	43.3	-44.4	1.5	0.34	0.30	3.98
	3,197.0	2.55	186.17	3,196.3	45.2	-46.2	1.3	0.35	0.21	6.53
	3,240.0	2.64	187.36	3,239.3	47.2	-48.2	1.1	0.24	0.21	2.77
	3,284.0	2.68	187.67	3,283.2	49.2	-50.2	0.8	0.10	0.09	0.70



Payzone Directional

End of Well Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well 4-11-4-1W
Project:	USGS Mylon SW (UT)	TVD Reference:	4-11-4-1W @ 5045.0usft (Capstar 329)
Site:	SECTION 11 T4S, R1W	MD Reference:	4-11-4-1W @ 5045.0usft (Capstar 329)
Well:	4-11-4-1W	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	3,327.0	2.68	189.16	3,326.2	51.2	-52.2	0.5	0.16	0.00	3.47
	3,371.0	2.68	187.10	3,370.1	53.3	-54.2	0.2	0.22	0.00	-4.68
	3,415.0	2.59	187.58	3,414.1	55.3	-56.2	0.0	0.21	-0.20	1.09
	3,458.0	2.59	187.36	3,457.0	57.2	-58.2	-0.3	0.02	0.00	-0.51
	3,502.0	2.64	187.23	3,501.0	59.2	-60.1	-0.5	0.11	0.11	-0.30
	3,546.0	2.50	187.62	3,544.9	61.2	-62.1	-0.8	0.32	-0.32	0.89
	3,589.0	2.55	190.44	3,587.9	63.1	-64.0	-1.1	0.31	0.12	6.56
	3,632.0	2.59	192.11	3,630.8	65.0	-65.9	-1.5	0.20	0.09	3.88
	3,676.0	2.72	191.18	3,674.8	67.1	-67.9	-1.9	0.31	0.30	-2.11
	3,720.0	2.77	190.88	3,718.7	69.2	-69.9	-2.3	0.12	0.11	-0.68
	3,764.0	2.72	189.78	3,762.7	71.3	-72.0	-2.7	0.17	-0.11	-2.50
	3,850.0	2.68	188.33	3,848.6	75.3	-76.0	-3.3	0.09	-0.05	-1.69
	3,894.0	2.68	187.40	3,892.6	77.4	-78.0	-3.6	0.10	0.00	-2.11
	4,025.0	2.59	188.24	4,023.4	83.4	-84.0	-4.4	0.07	-0.07	0.64
	4,068.0	2.55	188.50	4,066.4	85.3	-85.9	-4.7	0.10	-0.09	0.60
	4,112.0	2.59	187.32	4,110.3	87.3	-87.9	-5.0	0.15	0.09	-2.68
	4,156.0	2.68	186.48	4,154.3	89.3	-89.9	-5.2	0.22	0.20	-1.91
	4,200.0	2.59	185.25	4,198.2	91.3	-91.9	-5.4	0.24	-0.20	-2.80
	4,244.0	2.68	184.99	4,242.2	93.3	-93.9	-5.6	0.21	0.20	-0.59
	4,286.0	2.72	186.40	4,284.1	95.3	-95.9	-5.8	0.18	0.10	3.36
	4,330.0	2.68	185.91	4,328.1	97.4	-97.9	-6.0	0.10	-0.09	-1.11
	4,374.0	2.72	184.99	4,372.0	99.4	-100.0	-6.2	0.13	0.09	-2.09
	4,417.0	2.68	185.82	4,415.0	101.5	-102.0	-6.4	0.13	-0.09	1.93
	4,459.0	2.64	186.04	4,457.0	103.4	-103.9	-6.6	0.10	-0.10	0.52
	4,503.0	2.77	184.02	4,500.9	105.5	-106.0	-6.8	0.37	0.30	-4.59
	4,546.0	2.90	184.99	4,543.8	107.6	-108.1	-6.9	0.32	0.30	2.26
	4,588.0	2.94	184.50	4,585.8	109.7	-110.3	-7.1	0.11	0.10	-1.17



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
TVD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
MD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	4,632.0	2.80	184.55	4,629.7	111.9	-112.5	-7.3	0.32	-0.32	0.11
	4,675.0	2.90	184.46	4,672.7	114.0	-114.6	-7.5	0.23	0.23	-0.21
	4,719.0	2.99	187.67	4,716.6	116.3	-116.8	-7.7	0.43	0.20	7.30
	4,762.0	3.03	185.65	4,759.6	118.5	-119.1	-8.0	0.26	0.09	-4.70
	4,805.0	2.90	183.71	4,802.5	120.7	-121.3	-8.1	0.38	-0.30	-4.51
	4,848.0	2.77	183.19	4,845.5	122.8	-123.4	-8.3	0.31	-0.30	-1.21
	4,892.0	2.64	183.71	4,889.4	124.9	-125.5	-8.4	0.30	-0.30	1.18
	4,935.0	2.64	187.05	4,932.4	128.9	-127.5	-8.6	0.36	0.00	7.77
	4,979.0	2.50	189.43	4,976.3	128.9	-129.4	-8.9	0.40	-0.32	5.41
	5,022.0	2.64	190.66	5,019.3	130.8	-131.3	-9.2	0.35	0.33	2.86
	5,065.0	2.72	192.50	5,062.2	132.8	-133.3	-9.6	0.27	0.19	4.28
	5,109.0	2.86	189.78	5,106.2	134.9	-135.4	-10.0	0.44	0.32	-6.18
	5,153.0	2.86	187.40	5,150.1	137.1	-137.6	-10.3	0.27	0.00	-5.41
	5,197.0	2.77	188.81	5,194.1	139.3	-139.7	-10.6	0.26	-0.20	3.20
	5,241.0	2.72	190.00	5,238.0	141.4	-141.8	-11.0	0.17	-0.11	2.70
	5,284.0	2.77	190.44	5,281.0	143.4	-143.8	-11.4	0.13	0.12	1.02
	5,328.0	2.90	191.75	5,324.9	145.6	-145.9	-11.8	0.33	0.30	2.98
	5,371.0	2.90	191.23	5,367.9	147.8	-148.1	-12.2	0.06	0.00	-1.21
	5,415.0	2.81	192.72	5,411.8	150.0	-150.2	-12.7	0.27	-0.20	3.39
	5,459.0	1.23	200.15	5,455.8	151.5	-151.7	-13.1	3.63	-3.59	16.89
	5,503.0	1.14	202.15	5,499.8	152.4	-152.6	-13.4	0.23	-0.20	4.55
	5,547.0	1.51	207.94	5,543.8	153.4	-153.5	-13.8	0.89	0.84	13.16
	5,590.0	1.85	205.77	5,586.7	154.6	-154.6	-14.4	0.80	0.79	-5.05
	5,633.0	2.20	201.80	5,629.7	156.1	-156.0	-15.0	0.88	0.81	-9.23
	5,677.0	2.02	204.54	5,673.7	157.7	-157.5	-15.6	0.47	-0.41	6.23
	5,721.0	1.45	207.31	5,717.7	159.0	-158.7	-16.2	1.31	-1.30	6.30
	5,765.0	1.20	205.50	5,761.6	159.9	-159.6	-16.7	0.58	-0.57	-4.11



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
TVD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
MD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,807.0	1.27	190.44	5,803.6	160.8	-160.4	-16.9	0.79	0.17	-35.86
5,850.0	1.45	150.93	5,846.6	161.7	-161.4	-16.8	2.17	0.42	-91.88
5,894.0	1.67	152.03	5,890.6	162.7	-162.4	-16.2	0.50	0.50	2.50
5,938.0	1.76	163.54	5,934.6	163.8	-163.7	-15.7	0.81	0.20	26.16
5,980.0	1.80	172.90	5,976.6	165.0	-164.9	-15.4	0.70	0.10	22.29
6,024.0	1.76	181.65	6,020.6	166.3	-166.3	-15.4	0.62	-0.09	19.89
6,068.0	1.79	188.70	6,064.5	167.6	-167.6	-15.5	0.50	0.07	16.02
6,112.0	1.71	189.03	6,108.5	169.0	-169.0	-15.7	0.18	-0.18	0.75
6,155.0	1.85	195.23	6,151.5	170.3	-170.3	-16.0	0.55	0.33	14.42
6,199.0	1.85	196.98	6,195.5	171.7	-171.6	-16.4	0.13	0.00	3.98
6,243.0	1.93	202.39	6,239.4	173.2	-173.0	-16.9	0.44	0.18	12.30
6,287.0	2.24	202.17	6,283.4	174.7	-174.5	-17.5	0.70	0.70	-0.50
6,331.0	2.46	203.66	6,327.4	176.5	-176.1	-18.2	0.52	0.50	3.39
6,373.0	2.55	203.53	6,369.3	178.3	-177.8	-18.9	0.21	0.21	-0.31
6,416.0	2.64	206.92	6,412.3	180.2	-179.6	-19.7	0.41	0.21	7.88
6,460.0	2.77	210.52	6,456.2	182.1	-181.4	-20.7	0.49	0.30	8.18
6,502.0	2.95	212.89	6,498.2	184.1	-183.2	-21.8	0.51	0.43	5.64
6,546.0	3.08	216.63	6,542.1	186.2	-185.1	-23.2	0.54	0.30	8.50
6,589.0	3.38	220.23	6,585.1	188.3	-187.0	-24.7	0.84	0.70	8.37
6,633.0	3.43	215.92	6,629.0	190.7	-189.0	-26.3	0.59	0.11	-9.80
6,677.0	3.69	212.98	6,672.9	193.2	-191.3	-27.8	0.72	0.59	-6.68
6,719.0	3.87	209.42	6,714.8	195.7	-193.7	-29.3	0.70	0.43	-8.48
6,763.0	3.96	208.94	6,758.7	198.6	-196.3	-30.7	0.22	0.20	-1.09
6,807.0	4.22	208.45	6,802.6	201.6	-199.0	-32.2	0.60	0.59	-1.11
6,851.0	4.31	208.74	6,846.5	204.7	-201.9	-33.8	0.21	0.20	0.66
6,894.0	3.74	214.04	6,889.4	207.5	-204.5	-35.4	1.58	-1.33	12.33
6,937.0	3.52	217.64	6,932.3	210.0	-206.7	-36.9	0.74	-0.51	8.37



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
TVD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
MD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,980.0	3.65	214.78	6,975.2	212.4	-208.9	-38.5	0.51	0.30	-6.65
7,022.0	3.65	211.83	7,017.1	214.9	-211.1	-40.0	0.45	0.00	-7.02
7,066.0	3.65	210.17	7,061.0	217.5	-213.5	-41.4	0.24	0.00	-3.77
7,110.0	3.69	207.84	7,104.9	220.2	-216.0	-42.8	0.35	0.09	-5.30
7,154.0	3.69	205.51	7,148.8	222.9	-218.5	-44.1	0.34	0.00	-5.30
7,198.0	3.56	201.77	7,192.7	225.6	-221.0	-45.2	0.61	-0.30	-8.50
7,241.0	3.52	198.92	7,235.7	228.2	-223.5	-46.1	0.42	-0.09	-6.63
7,285.0	3.52	196.50	7,279.6	230.9	-226.1	-46.9	0.34	0.00	-5.50
7,329.0	3.47	193.69	7,323.5	233.6	-228.7	-47.6	0.41	-0.11	-6.39
7,372.0	3.34	192.33	7,366.4	236.1	-231.2	-48.2	0.36	-0.30	-3.16
7,416.0	3.30	190.79	7,410.4	238.6	-233.7	-48.7	0.22	-0.09	-3.50
7,460.0	3.30	191.01	7,454.3	241.2	-236.2	-49.2	0.03	0.00	0.50
7,504.0	3.21	191.58	7,498.2	243.7	-238.6	-49.7	0.22	-0.20	1.30
7,547.0	3.25	190.74	7,541.1	246.1	-241.0	-50.2	0.14	0.09	-1.95
7,591.0	3.43	191.14	7,585.1	248.7	-243.5	-50.7	0.41	0.41	0.91
7,634.0	3.52	188.33	7,628.0	251.3	-246.1	-51.1	0.45	0.21	-6.53
7,678.0	3.52	185.60	7,671.9	254.0	-248.8	-51.4	0.38	0.00	-6.20
7,721.0	3.34	185.25	7,714.8	256.5	-251.3	-51.7	0.42	-0.42	-0.81
7,765.0	3.38	183.54	7,758.8	259.1	-253.9	-51.9	0.25	0.09	-3.89
7,809.0	3.38	182.48	7,802.7	261.7	-256.5	-52.0	0.14	0.00	-2.41
7,853.0	3.34	184.02	7,846.6	264.2	-259.1	-52.1	0.22	-0.09	3.50
7,896.0	3.38	183.80	7,889.5	266.7	-261.6	-52.3	0.10	0.09	-0.51
7,939.0	3.38	184.55	7,932.5	269.2	-264.1	-52.5	0.10	0.00	1.74
7,982.0	3.30	183.14	7,975.4	271.7	-266.6	-52.7	0.27	-0.19	-3.28
8,025.0	3.43	184.03	8,018.3	274.2	-269.1	-52.8	0.33	0.30	2.07
8,067.0	3.43	182.61	8,060.2	276.7	-271.6	-53.0	0.20	0.00	-3.38
8,110.0	3.30	183.36	8,103.2	279.2	-274.1	-53.1	0.32	-0.30	1.74



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 4-11-4-1W
TVD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
MD Reference: 4-11-4-1W @ 5045.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

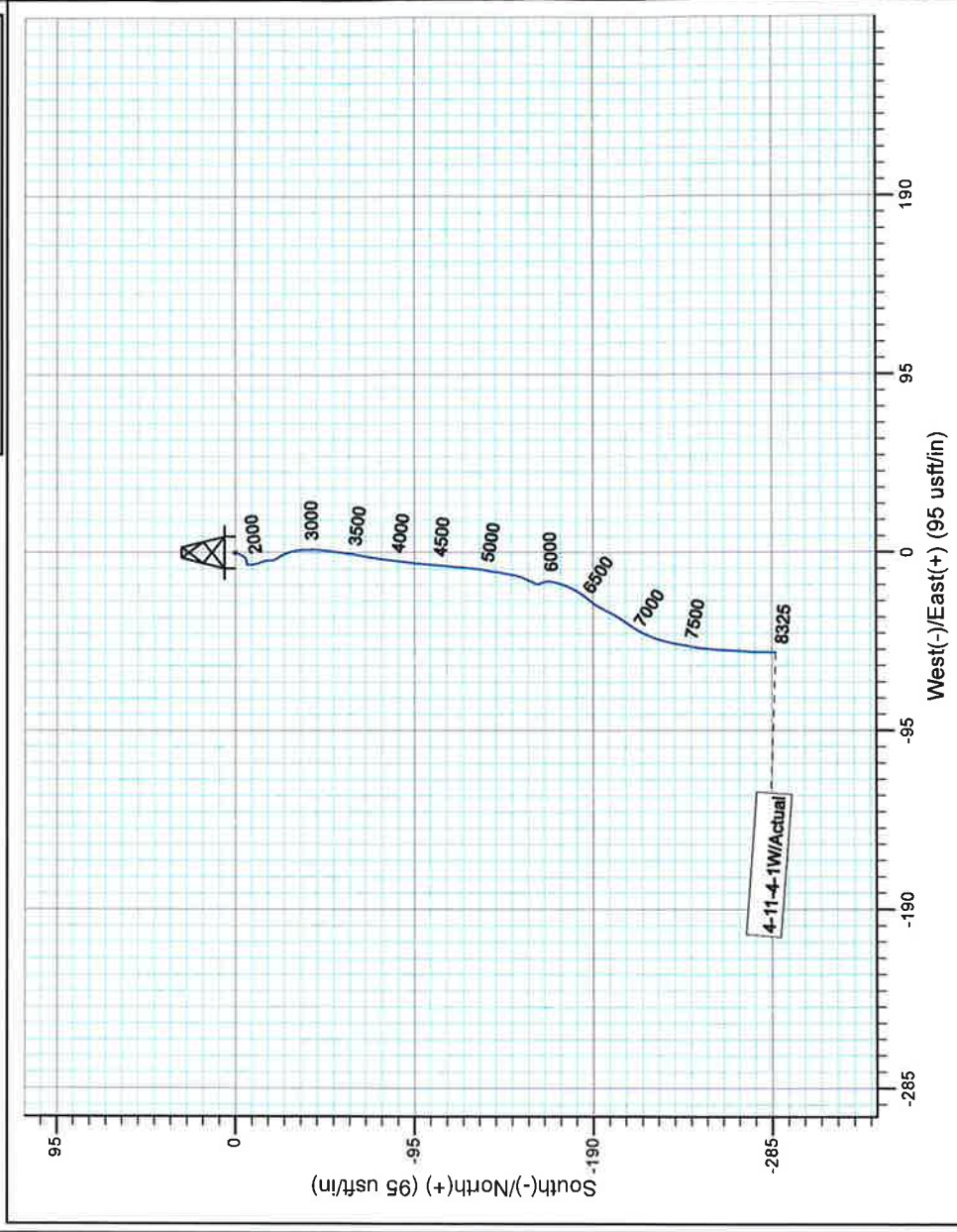
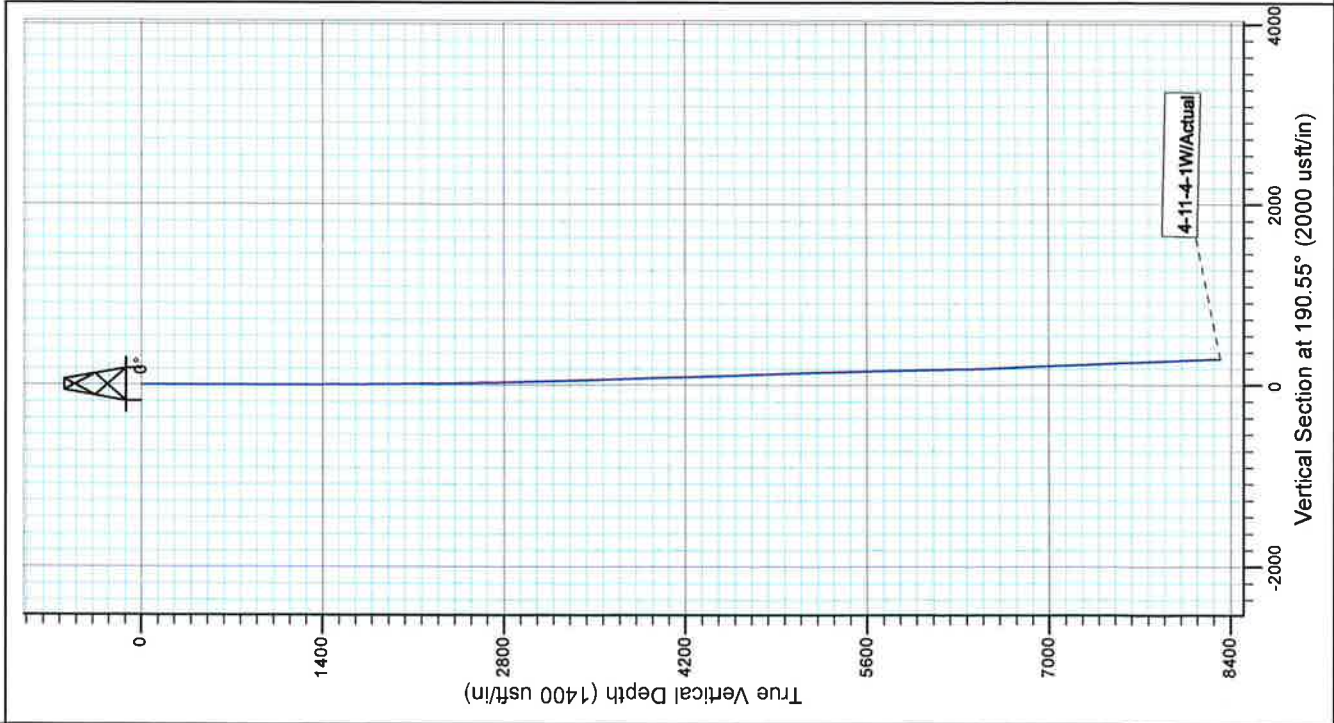
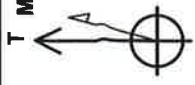
Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
8,154.0	3.47	182.00	8,147.1	281.8	-276.7	-53.2	0.43	0.39	-3.09
8,197.0	3.43	180.24	8,190.0	284.4	-279.3	-53.3	0.26	-0.09	-4.09
8,241.0	3.46	180.38	8,233.9	287.0	-282.0	-53.3	0.07	0.07	0.32
8,265.0	3.52	181.52	8,257.9	288.4	-283.4	-53.3	0.38	0.25	4.75
8,325.0	3.67	184.37	8,317.8	292.1	-287.2	-53.5	0.39	0.25	4.75

Checked By: _____ Approved By: _____ Date: _____



Project: USGS Myton SW (UT)
Site: SECTION 11 T4S, R1W
Well: 4-11-4-1W
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 10.92°
Magnetic Field
Strength: 52060.1 nT
Dip Angle: 65.83°
Date: 5/10/2014
Model: IGRF2010



Design: Actual (4-11-4-1W/Wellbore #1)

Created By: *Matthew Lindon* Date: 7:12, June 01 2014

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA



Well Name: Lamb 4-11-4-1W

Summary Rig Activity

Sundry Number: 52836 API Well Number: 43047543500000

Job Category		Job Start Date	Job End Date
Daily Operations			
Report Start Date 6/5/2014	Report End Date 6/6/2014	24hr Activity Summary CBL/psi test/perf stg 1	
Start Time	End Time	End Time	Comment
	07:00	13:00	
Start Time	End Time	End Time	Comment
	13:00	14:00	RU Extreme Wireline & B & C Quicktest
Start Time	End Time	End Time	Comment
	14:00	16:00	RIH w/CBL tools. Run log from 8236' to surface under 0 psi. Estimated cement top @ surface, SJ @ 4933-44'.
Start Time	End Time	End Time	Comment
	16:00	17:30	PSI test csg/frac valve/BOP-good tests.
Start Time	End Time	End Time	Comment
	17:30	18:30	RIH w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate stg 1 @ Wastch 7955-59', 7890-92', 7841-43', 7821-22', 7768-69' w/2 spf for total of 20 shots.
Start Time	End Time	End Time	Comment
	18:30	07:00	SDFN - Halliburton on location rigging up. Sand haulers offloading sand. Construction still insulating.
Report Start Date 6/6/2014	Report End Date 6/7/2014	24hr Activity Summary frac 6 stgs/flowback	
Start Time	End Time	End Time	Comment
	07:00	12:00	
Start Time	End Time	End Time	Comment
	12:00	12:30	Start all equipment, finish RU
Start Time	End Time	End Time	Comment
	12:30	12:45	Location safety mtg, pre-frac
Start Time	End Time	End Time	Comment
	12:45	13:00	PSI test all iron and equipment
Start Time	End Time	End Time	Comment
	13:00	14:00	Stage #1, Wasatch sands. 490 psi on well. Frac Wasatch sds w/85,643#s of 20/40 White & 10,370#s of 100 Mesh sand in 1492 bbls of Slickwater & 17# Crosslinked fluid. Broke @ 3885 psi @ 2.8 BPM. ISIP 3241 psi, FG=.86, Treated w/ ave pressure of 4243 psi @ ave rate of 41.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 3298 psi. FG=.86, 5 min SIP 3149 psi, 10 min SIP 3098 psi, 15 min SIP 3062 psi. 2056 total BWTR.
Start Time	End Time	End Time	Comment
	14:00	15:00	RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 7730'. Perforate Wasatch @ 7680-82', 7620-22', 7611-12', 7594-96', 7579-80', 7559-60', 7552-29', 7502-03" w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 22 shots.
Start Time	End Time	End Time	Comment
	15:00	16:15	Stage #2, Wasatch sands. 2775 psi on well. Wasatch sds w/109,867#s of 20/40 White & 11,764#s 100 mesh sand in 1818 bbls of slickwater & 17# Crosslinked fluid. Broke @ 2922 psi @ 4.3 BPM. Treated w/ ave pressure of 3950 psi @ ave rate of 40 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2901 psi. FG=.83, 5 min SIP 2791 psi, 10 min SIP 2769 psi, 15 min SIP psi. Leave pressure on well. 2305 total BWTR
Start Time	End Time	End Time	Comment
	16:15	17:15	RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 7484'. Perforate BScarb sands @ 7444-46', 7419-21', 7408-10', 7402-04', 7385-86', 7380-81' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 20 shots.



Summary Rig Activity

Sundry Number: 52836 API Well Number: 43047543500000

Start Time	17:15	End Time	18:15	Comment
				Changing valves & seats on pump. Changing out bad cable for pumps psi transducer,
Start Time	18:15	End Time	18:45	Comment
				Stage #3, BScarb sands. 2873 psi on well. Frac BScarb sds w/25,156#s of 20/40 White & 5,337#s of 100 mesh sand in 558 bbls slickwater & 17# Crosslinked fluid. Broke @ 3351 psi @ 2.7 BPM. Treated w/ ave pressure of 4776 psi @ ave rate of 40.6 BPM. Screened out in the transition between 2-3# stgs. 1.5# on formation. Approx. 12,700#s sand left in pipe. 17,700#s in formation. Managed to flush 24 bbls, 147.4 bbls short of full flush.
Start Time	18:45	End Time	21:45	Comment
				Open well to pit. Start on a 4 choke, end full open.
Start Time	21:45	End Time	22:00	Comment
				Flush well w/176 bbls slickwater. Full flush.
Start Time	22:00	End Time	23:00	Comment
				RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. Perforate CP Limes sands @ 7318-21', 7286-89', 7260-62', 7224-26' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 20 shots. Did not set plug.
Start Time	23:00	End Time	23:30	Comment
				Stage #4, CP Limes sands. 2522 psi on well. Frac CP Limes sds w/46,222#s of 30/50 White & 7,813#s of 100 mesh sand in 792 bbls of slickwater & 17# Crosslinked fluid. Broke @ 2604 psi @ 2.7 BPM. Treated w/ ave pressure of 4037 psi @ ave rate of 42.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2723 psi. FG=.82, 5 min SIP 2585 psi, 10 min SIP 2556 psi, 15 min SIP 2542 psi. Leave pressure on well. 1273 total BWTR
Start Time	23:30	End Time	00:30	Comment
				RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 7170'. Perforate CP3 sands @ 7104-08' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/3 spf for total of 12 shots
Start Time	00:30	End Time	01:00	Comment
				Stage #5, CP3 sands. 2515 psi on well. Frac CP3 sds w/45,913#s of 20/40 White & 19,056#s of 30/50 White sand in 345 bbls 17# Crosslinked fluid. Broke @ 3118 psi @ 2.7 BPM. Treated w/ ave pressure of 3354 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2622 psi. FG=.81, 5 min SIP 2325 psi, 10 min SIP 2352 psi, 15 min SIP 2358 psi. Leave pressure on well. 663 total BWTR
Start Time	01:00	End Time	01:45	Comment
				RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 6290'. Perforate D1 sands @ 6235-36', 6218-20', 6177-78' w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/3 spf for total of 12 shots.
Start Time	01:45	End Time	02:30	Comment
				Stage #6, D1 sands. 1936 psi on well. Frac D1 sds w/78,597#s of 20/40 White sand in 414 bbls 17# Crosslinked fluid. Broke @ 2182 psi @ 4.3 BPM. Treated w/ ave pressure of 2316 psi @ ave rate of 25.6 BPM. ISDP 1753 psi. FG=.73, 5 min SIP 1689 psi, 10 min SIP 1699 psi, 15 min SIP 1685 psi. 653 total BWTR
Start Time	02:30	End Time	07:00	Comment
				Flow well @ 1bpm til turned to yellow oil.
Report Start Date 6/7/2014 Report End Date 6/8/2014 24hr Activity Summary Set KP				
Start Time	07:00	End Time	10:00	Comment
				Continue flowing well @ 1bpm.
Start Time	10:00	End Time	12:00	Comment

NEWFIELD



Well Name: Lamb 4-11-4-1W

Summary Rig Activity

Start Time	12:00	End Time	13:00
		RU Extreme wireline	
Start Time	13:00	End Time	15:00
		RIH w/weather composite bridge plug. Set KPs @ 6060' & 6050'. Bleed psi off well.	
Start Time	15:00	End Time	07:00
Report Start Date	Report End Date	24hr Activity Summary	
6/9/2014	6/10/2014	MIRUSU/offload tbg/psi test pipe rams/tag KP	
Start Time	00:00	End Time	06:00
Start Time	06:00	End Time	07:00
		Crew travel & safety mtg	
Start Time	07:00	End Time	07:15
		Move rig & equipment onto location	
Start Time	07:15	End Time	08:00
		RU rig	
Start Time	08:00	End Time	12:00
		Wait for drill out stack to arrive. Double pipe rams were missing a stud - go to nearby well & get stub off another set of BOPs - ND frac BOPs, NU drill out stack.	
Start Time	12:00	End Time	14:00
		RU B&C Quicktest. psi test BOPs-good	
Start Time	14:00	End Time	18:00
		MU 4 3/4" chomp mill onto POBS w/float. RIH w/1 jt. x nipple. 187 jts. Tag KP @ 6050'.	
Start Time	18:00	End Time	19:00
		RU RBS pwr swvl. SWIFN	
Start Time	19:00	End Time	20:00
Start Time	20:00	End Time	01:00
Report Start Date	Report End Date	24hr Activity Summary	
6/10/2014	6/11/2014	D/O plugs, C/O to pbtd. Flow overnight.	
Start Time	00:00	End Time	06:00
Start Time	06:00	End Time	07:00
		Crew travel & safety mtg	
Start Time	07:00	End Time	07:30
		SICP 0 psi, SITP 0 psi. Open well, catch circulation	
Start Time	07:30	End Time	17:30
		DRILL KILL PLUG - 20 MINUTES ON PLUG - RIH TAG 2ND KILL PLUG @ 6060' - DRILL KILL PLUG - 25 MINUTES ON PLUG - RIH TAG 3RD PLUG @ 6290' - DRILL PLUG - 25 MINUTES ON PLUG - RIH TAG 4TH PLUG @ 7170' - DRILL PLUG - 35 MINUTES ON PLUG - RIH TAG 5TH PLUG @ 7485' - DRILL PLUG - 30 MINUTES ON PLUG - RIH TAG FILL @ 7620' - CLEAN OUT 110' OF SAND TO PLUG @ 7730' - DRILL PLUG - 20 MINUTES ON PLUG - CIRCULATE WELL FOR 1 HR TO GET SAND TO SURFACE - RIH TAG FILL @ 8125' - CLEAN OUT 150' OF SAND TO PBTD @ 8275' - CIRCULATE WELL CLEAN W/ 200 BBLs 4% KCL AND 12 POLYMER STICKS TO HELP SAND GET TO SURFACE BETTER	
Start Time	17:30	End Time	19:00
		Rack out pwr swvl, POOH W/60 jts - EOT @ 6365', start well flowing up csg on 9 choke w/800 psi. SDFN	
Start Time	19:00	End Time	20:00

NEWFIELD



Well Name: Lamb 4-11-4-1W

Summary Rig Activity

Start Time	20:00	End Time	00:00	Comment
Report Start Date	6/11/2014	Report End Date	6/12/2014	24hr Activity Summary
Start Time	00:00	End Time	06:00	check psi, C/O fill, pull above perfs, flow to prod. tanks
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Crew travel & safety mtg
Start Time	08:00	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	Check psi, 1200# csg, 0# tbq. RIH w/35 stands, tag PBTD, no fill.
Start Time	10:00	End Time	11:00	Circulate bottoms up w/130bbls 4% KCL
Start Time	11:00	End Time	00:00	Comment
Start Time	00:00	End Time	06:00	LD 74 jts to get 100' above top perf.
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	15 min shut in psi 860#. Flow to production tanks over night. SDFN
Start Time	08:00	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	Flow to production tanks.
Start Time	10:00	End Time	11:00	Comment
Start Time	11:00	End Time	00:00	Flow to production tanks.
Report Start Date	6/12/2014	Report End Date	6/13/2014	24hr Activity Summary
Start Time	00:00	End Time	06:00	Land tbq/flow to production tanks
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:30	SDFN
Start Time	08:30	End Time	10:00	Comment
Start Time	10:00	End Time	10:30	Crew travel & safety mtg
Start Time	10:30	End Time	11:00	Comment
Start Time	11:00	End Time	13:30	Check pressures, 800# csg, 0# tbq
Start Time	13:30	End Time	00:00	Comment
Start Time	00:00	End Time	06:00	Circ. 130 bbls dwn tbq
Start Time	06:00	End Time	07:30	Comment
Start Time	07:30	End Time	08:30	Land well w/hanger, rubber did no thold, pull hanger, replace rubber, land well. ND BOPs. EOT @ 6109.15
Start Time	08:30	End Time	10:00	Comment
Start Time	10:00	End Time	10:30	Insert back pressure valve in tbq hanger, NU production tree
Start Time	10:30	End Time	11:00	Comment
Start Time	11:00	End Time	13:30	PSI test production tree-good. Pull back pressure valve, drop ball, pump off POBS
Start Time	13:30	End Time	00:00	Comment
Start Time	00:00	End Time	06:00	RD rig, rack out pump, clean up location.
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Flow well to production tanks

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: Lamb 4-11-4-1W
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0478 FNL 0665 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 11 Township: 04.0S Range: 01.0W Meridian: U		9. API NUMBER: 43047543500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WINDY RIDGE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/25/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well began producing during the completion process on 06/10/2014 at 20:00 hours, and was placed on pump on 06/25/2014 at 17:00 hours.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 23, 2014		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 7/1/2014	